

PA-0028 US

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











398

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

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<223> Incyte ID No: 267153.8

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417

PA-0028 US

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<220>

<221> misc_feature

<223> Incyte ID No: 383436.2

<400> 532

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<213> Homo sapiens

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<223> a, t, c, g, or other

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<213> Homo sapiens

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<211> 1218

<212> DNA

<213> Homo sapiens

 $\langle 220 \rangle$

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<212> DNA

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PA-0028 US

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<212> DNA

<213> Homo sapiens

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<221> misc_feature

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<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<211> 1878

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<400> 553

PA-0028 US

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<223> Incyte ID No: 1382987.15

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PA-0028 US

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<213> Homo sapiens

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<211> 1362

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 995874.18

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PA-0028 US

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<213> Homo sapiens

<220>

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<223> Incyte ID No: 898317.5

<400> 557

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<212> DNA

<213> Homo sapiens

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Figure 1 consists of 12 diagrams, labeled (a) through (l), showing the sequential construction of a 3D structure. The diagrams are arranged in a single column. Each diagram shows a cross-section of the structure at a specific stage. The construction starts with a simple rectangular block in (a) and proceeds through various stages of adding layers and creating internal features, culminating in a complex structure with a central cavity in (l). The labels 'a' through 'l' are placed to the left of each diagram, and the numbers '1' through '12' are placed to the right of each diagram.

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PA-0028 US

<210> 565

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 232898.20

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<213> Homo sapiens

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<223> Incyte ID No: 1985219CB1

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PA-0028 US

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<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 382911.9

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<211> 2225

PA-0028 US

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1194750.6

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<213> Homo sapiens

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<223> Incyte ID No: 1194750.7

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<221> unsure

<222> 60, 70, 82, 104, 1750

<223> a, t, c, g, or other

<400> 569

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PA-0028 US

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<210> 570

<211> 1740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1648579CB1

<220>

<221> unsure

<222> 60, 70, 82, 104, 1679, 1685, 1688, 1691-1693, 1696-1697, 1703, 1716, 1738

<223> a, t, c, g, or other

<400> 570

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ttccagaaca	acctgcagca	gactccactc	cacttggctg	tgatcaccaa	ccagccagaa	600
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acccccctac	accttgccct	tgagcagggc	tacctgggca	tcgtgggagt	cctgactcag	720

PA-0028 US

tcctgcacca	ccccgcacct	ccactccatc	ctgaaggcta	ccaactacaa	tggccacacg	780
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<210> 571

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 444619.6

<400> 571

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tgtggctaag	gttgggaggg	aaccaagggc	tgctccctgag	tgcgtgcttc	tggggaaccg	180
gccttccttt	gtccctgtag	gttgtcactg	cctgtctagt	cttctgcact	ttccagggct	240
tatgtgaggt	ggggcagctt	tctcaaagga	agaccatttc	caatgtccac	cagttgtctc	300
ctgacaaaaa	ccatgccatc	atgaactaag	ggctcctctg	ggctggaggg	atggagacag	360
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ctccccaggg	tgctgtcctt	gctgccctgt	gggctgtgcc	aagtgtgccc	agggctgcat	480
ctgcaaaggg	gcacgcggaga	agtgcagctg	ctgcgcctga	tgtcgggaca	gccctgctcc	540
caagtacaaa	tagagtgacc	cgtaaaatcc	aggatttttt	gttttttgct	acaatcttga	600
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<210> 572

<211> 1237

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1329816.1

<220>

<221> unsure

<222> 99

<223> a, t, c, g, or other

<400> 572

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ggcccccttc	cttgagttag	aaagcagccg	caggttgtgg	cgtctccacca	cgccgtccac	180
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catttcccag	ccccagtact	gagggtctct	gggtttgagg	aggctgcatt	taagttctga	360
gcggaaggga	attcctttac	ttccttaggt	gctttcttcc	tgatctcccc	tctgagagca	420
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gctccacatc	accagttgg	ttagggctct	gctggctggg	ccccagtggt	ctcctccagg	540
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PA-0028 US

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gaaggttctg gctggcaatc tcagtattcc tgggttgggt gtgcccctgg gaccttctctg 660
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<210> 573

<211> 1869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 199958.6

<400> 573

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gtcaacatcg cggatcatca gtactggggc aagcgcgatg aagagctggt tctgcccac 180
aactcctccc tgagcgtcac tctgcaccag gaccagttaa aaaccaccac aacagccgtc 240
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gcctccggc 1869
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<210> 574

<211> 1057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 443762CB1

<400> 574

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PA-0028 US

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agccccatgg cccgcgctgc tctctccgcc gccccagca atccccggct cctgcgagtg 120
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<210> 575

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 246574.11

<400> 575

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tggtggctgt tctgaagga ggcctgccc ttataggaac agaaggagaa agagagacac 480
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<210> 576

<211> 1571

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1382902.13

<220>

<221> unsure

<222> 1568

<223> a, t, c, g, or other

<400> 576

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tccatgaggt atttctacac cgccatgtcc cggcccggcc gcggggagcc ccgcttcac 180
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PA-0028 US

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accgtgggct acgtggacga cacgctgttc gtgaggttcg acagcgacgc cacgagtcgg 240
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aaaaaaangg g 1571

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<210> 577

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1382902.19

<400> 577

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<210> 578

<211> 811

<212> DNA

<213> Homo sapiens

<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 1558664CB1

<400> 578

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gcaggcgctt	caccacagac	gctattgctc	tggccatgag	ccgggatggc	tcaagcgggg	660
gtgtcatcta	cctggtcact	attacagctg	ccggtgtgga	ccatcgagtc	atcttgggca	720
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<210> 579

<211> 2319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 023244.1

<220>

<221> unsure

<222> 169, 173

<223> a, t, c, g, or other

<400> 579

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<211> 1172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1081573.17

<220>

<221> unsure

<222> 254, 332

<223> a, t, c, g, or other

<400> 580

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<210> 581

<211> 870

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2883526CB1

<400> 581

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PA-0028 US

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<210> 582

<211> 1087

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1291998.1

<400> 582

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cgccctttct	gtggccggtg	ctcatagcaa	gccaaactta	attccccaa	ggcctcgctc	420
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<210> 583

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 452327CB1

<400> 583

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<210> 584

<211> 583

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

PA-0028 US

<223> Incyte ID No: 2685676CB1

<400> 584

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<210> 585

<211> 1568

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 347357.2

<400> 585

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<210> 586

<211> 3305

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 347357.1

<400> 586

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PA-0028 US

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<210> 587

<211> 2951

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1924205CB1

<400> 587

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PA-0028 US

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PA-0028 US

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PA-0028 US

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463

PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<223> Incyte ID No: 349925.2

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PA-0028 US

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<220>

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478

PA-0028 US

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PA-0028 US

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<212> DNA

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<221> unsure

<222> 355-356

<223> a, t, c, g, or other

<400> 624

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ggcacttttc	atttaatgtg	aaattttatc	caccagaccc	tgcccaacta	tctgaagata	300
tcaccaggac	tcagaagggg	tagaaattat	gttaggagtt	tgtgcaagtg	gtctnntgat	360
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<210> 625

<211> 2914

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 238451.2

<220>

<221> unsure

<222> 2740, 2749

<223> a, t, c, g, or other

<400> 625

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gctggccctg	gctgacgtgg	tgcatgaggc	acaggaaccc	tgctccctgc	tctacgcgcc	420
tgagaccttc	gtgcagctgg	accagaggct	gagccgcctg	gaggagcagt	gtgtggatgc	480
tctgcaggcc	cagggcttcc	ccagggtccca	gatcagcact	gagagcttcc	tgcacctgcg	540

PA-0028 US

ctaccagggc	acggactgtg	ctctgatggt	gtctgcccac	cagcaccag	ccacagcccg	600
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<210> 626

<211> 1200

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 994660.1

<400> 626

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ggtgggtgg	gtccccctct	cgaccccaga	cgcccctaac	tcgcctctgg	ctccgggaga	180
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ccggagagta	catccccacc	gtttttgaca	actactctgc	caacgtgatg	gtggacggga	360
aaccagtcaa	cttggggctg	tgggacacag	cgggtcagga	ggactacgat	cggctcgggc	420
cactctccta	ccccaaact	gtcccacctt	tttccaaagg	acgtctttct	gatctgcttc	480
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caccactgcc	ccccacacgc	ccatcctcct	ggtgggcacc	aagctggacc	tccgcgacga	600
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aagccccagg	atgggcttcc	ctggaggggg	aggggtggggg	ggattctgtt	ccttgtgccc	1140
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<210> 627

<211> 2081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 245057.5

<400> 627

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gaggtagatg	cagacagatt	aactctcaag	gtcattttgat	tgcccgccctc	agaacgatgg	180
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cacacacaac	gaacagttgc	atttcagaga	gttctctcaa	tttgtaagtt	atTTTTTTTT	2040
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<210> 628

<211> 2080

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1261879CB1

<400> 628

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aggtagatgc	agacagatta	actctcaagg	tcattttgatt	gccccgctca	gaacgatgga	180
tctgcatctc	ttcgactact	cagagccagg	gaacttctcg	gacatcagct	ggccatgcaa	240

PA-0028 US

cagcagcgac	tgcacgtggt	tggacacggg	gatgtgtccc	aacatgcccc	acaaaagcgt	300
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acacacaacg	aacagttgca	tttcagagag	ttctctcaat	ttgtaagtta	ttttttttta	2040
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<210> 629

<211> 617

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3860413CB1

<400> 629

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gctttgactt	gaaaaaa					617

<210> 630

<211> 232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 435717.3

<400> 630

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PA-0028 US

ctggtacact	ccctttccaa	ggaaaagatc	gaaaagaaac	aatgactatg	attctttaagt	180
aagtactccc	ttaatataga	tgttttggatg	agatttttaa	ataaatgctt	ca	232

<210> 631

<211> 3258

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2416108CB1

<220>

<221> unsure

<222> 3180

<223> a, t, c, g, or other

<400> 631

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PA-0028 US

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<212> DNA

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Figure 1 consists of 12 micrographs arranged vertically, showing the stages of chick embryo development. The images are labeled 1 through 12. 1: Fertilized egg. 2: Two-cell stage. 3: Four-cell stage. 4: Morula stage. 5: Gastrula stage. 6: Early neurulation. 7: Late neurulation. 8: Early hatching. 9: Late hatching. 10: Hatched embryo. 11: Hatched embryo. 12: Hatched embryo.

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490

PA-0028 US

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<220>

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<223> Incyte ID No: 2626024CB1

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<210> 648

<211> 2026

<212> DNA

<213> Homo sapiens

<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 982803.3

<220>

<221> unsure

<222> 25, 31, 34, 39, 92, 102, 125, 141, 150, 165, 179, 184, 187, 195, 197, 1296, 1300

<223> a, t, c, g, or other

<400> 648

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<210> 649

<211> 1835

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1966280CB1

<400> 649

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<210> 650

<211> 2160

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2754960CB1

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PA-0028 US

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<210> 651

<211> 1080

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 218602.13

<400> 651

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<210> 652

<211> 3840

<212> DNA

<213> Homo sapiens

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<220>

<221> unsure

<222> 1746, 1750, 1752, 1763, 1769, 2827, 2841, 3206

<223> a, t, c, g, or other

<400> 652

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<223> Incyte ID No: 480500.5

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<223> Incyte ID No: 399074.2

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<223> Incyte ID No: 330879.1

<400> 657

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PA-0028 US

<210> 658

<211> 1001

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 899263.1

<400> 658

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<210> 659

<211> 2132

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 233104.1

<220>

<221> unsure

<222> 281, 287, 326, 601-624

<223> a, t, c, g, or other

<400> 659

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<210> 660

<211> 623

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 233720.12

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<210> 661

<211> 3180

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 233720.7

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<210> 662

<211> 1941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 228899.18

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<210> 663

<211> 3180

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 903616.2

<400> 663

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<210> 668

<211> 4366

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 319136.21

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<222> 3345-3660

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<210> 669

<211> 374

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 319136.16

<220>

<221> unsure

<222> 334, 350

<223> a, t, c, g, or other

<400> 669

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<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 234313.39

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<211> 1158

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 008076CB1

<220>

<221> unsure

<222> 907

<223> a, t, c, g, or other

<400> 671

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<211> 765
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 480500.14

<220>
<221> unsure
<222> 91
<223> a, t, c, g, or other

<400> 672
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<211> 892
<212> DNA
<213> Homo sapiens

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<223> Incyte ID No: 249096.18

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<222> 293, 295, 300
<223> a, t, c, g, or other

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<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 981199.1

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<211> 2150

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 227931.4

<220>

<221> unsure

<222> 2147

<223> a, t, c, g, or other

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PA-0028 US

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<210> 676

<211> 4364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 244366.8

<400> 676

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244366.8

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<210> 677

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 990353.16

<220>

<221> unsure

<222> 806

<223> a, t, c, g, or other

<400> 677

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<210> 678

<211> 1045

PA-0028 US

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1095625.8

<400> 678

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<210> 679

<211> 1560

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 977751.16

<400> 679

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<210> 680

<211> 1413

PA-0028 US

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 227742.10

<400> 680

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<210> 681

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 401098.1

<220>

<221> unsure

<222> 667

<223> a, t, c, g, or other

<400> 681

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PA-0028 US

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cttgtct 1327
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<210> 682

<211> 1265

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 230233.3

<400> 682

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gcccggcagc cgggagccat gcgaccccag ggcccccgcc cctccccgca gcggctccgc 180
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cttac
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<210> 683

<211> 347

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 225344.1

<220>

<221> unsure

<222> 282, 335, 341

<223> a, t, c, g, or other

<400> 683

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<210> 684

<211> 1386

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 1327483.15

<220>

<221> unsure

<222> 79

<223> a, t, c, g, or other

<400> 684

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<210> 685

<211> 3048

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 403121.12

<400> 685

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PA-0028 US

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<210> 686

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 403121.6

<400> 686

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<210> 687

<211> 1527

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 201091.1

<400> 687

PA-0028 US

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PA-0028 US

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<223> a, t, c, g, or other

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<211> 499

PA-0028 US

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 267153.2

<400> 697

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<210> 698

<211> 1542

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 267153.6

<400> 698

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<211> 2672

<212> DNA

<213> Homo sapiens

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<400> 699

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PA-0028 US

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<210> 700
<211> 1385
<212> DNA
<213> Homo sapiens

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<223> Incyte ID No: 903616.5

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<221> unsure
<222> 69
<223> a, t, c, g, or other

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PA-0028 US

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<210> 701

<211> 1987

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 990353.15

<400> 701

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<210> 702

<211> 1345

PA-0028 US

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 087978.5

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<221> unsure

<222> 406, 477, 1342

<223> a, t, c, g, or other

<400> 702

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<211> 4576

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 253534.17

<220>

<221> unsure

<222> 447-553, 849-884, 2279-2313, 2590-2886

<223> a, t, c, g, or other

<400> 703

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PA-0028 US

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 230233.7

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<212> DNA

<213> Homo sapiens

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548

PA-0028 US

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<211> 791

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 444850.11

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caagagaaga	ccctcactag	taaacttcag	gtatccaaat	gcatacacct	gtggttcgtt	720
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<210> 725

<211> 503

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 1099640.1

<400> 725

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atgcatcttg ggtcctgatg gtccttatca ctgctttgat tcccttctct ttggagaact 180
agttgtactg ttataataaa catgtaactg ttgttattaa atgctatctt tttgtactag 240
acattaattg catccatttt gttattttcc aggaagagaa aacaaccaag attattttct 300
cctgagcttc tcgtgctcta atttgcattc tccttaataa tacctgccat tggaatgata 360
attacttttg aagaaaagcc cacatgaagg ggtcatatag tcttgtagaa gcacagaaat 420
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<210> 726

<211> 992

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 414363.1

<220>

<221> unsure

<222> 475

<223> a, t, c, g, or other

<400> 726

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<210> 727

<211> 2064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1382987.2

<400> 727

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tctatgtctg caggaccaa acctgggcat ccgtctgtct cagcagatgc catctcactt 420
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[illegible]

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<211> 910
<212> DNA
<213> Homo sapiens
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<221> misc_feature
<223> Incyte ID No: 273277.3
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552

PA-0028 US

<222> 477

<223> a, t, c, g, or other

<400> 729

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attgtctgtc	tctcattaga	atgtcagctc	atggagatta	aatagtccat	tttattcgct	240
gctgaacccc	ttccagcacc	tgccacaagt	gggcaccaac	tgactgatga	atatagcata	300
taaaatgtga	agtcggtttg	tactgatttg	ttttactatg	tttttaagct	taaaattctt	360
ctgtaccttt	tagacctact	attgtacaca	gattcttaat	taaagcaaca	atagaagaaa	420
gaatgcaggc	aatgctgaaa	actgctgaga	gaaggtaggt	aataatttac	cacaagnacg	480
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<210> 730

<211> 742

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 347049.8

<400> 730

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cctgctcggt	aaataatgtg	ttgggtgtgag	atatcaggaa	tgtctcatga	tatcacgttt	480
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tccagatgct	gtgttctcta	tgtaaaacag	tattgtccat	tcagaaatgt	gtgacccttc	660
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<210> 731

<211> 924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 337352.2

<400> 731

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<210> 732

PA-0028 US

<211> 399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 023151.1

<400> 732

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acacacgaga	tacatgtaaa	ttgtcttgca	aataatgtct	ataataatat	aattttttaa	180
gccaagtata	taatacctca	taagctgctt	aaaatatttt	tatttgatga	tgctattgtt	240
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<210> 733

<211> 2302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 338158.4

<400> 733

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PA-0028 US

<210> 734

<211> 437

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 212934.1

<220>

<221> unsure

<222> 434

<223> a, t, c, g, or other

<400> 734

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<211> 286

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 428130.1

<400> 735

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<210> 736

<211> 2580

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 399074.5

<400> 736

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PA-0028 US

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ggttttcctt	tccctttttc	gttaactctt	tgttgagata	ttgttcgtat	gccatacggg	2520
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<210> 737

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 221172.2

<220>

<221> unsure

<222> 84, 923

<223> a, t, c, g, or other

<400> 737

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<210> 738

<211> 549

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

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<400> 738

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cattgttgta aaatctcatg ggagttagcc acctggagac agggaggcaa cagaactaca 300
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tttgaaagga gtgacagtaa ttggccctca attatgatgc ttatctttta tttatgtcgt 420
gatttctaga ctgaagagtt agcaaccaa gtttatacca tatgcaacta ctctgtatca 480
atataccaag gtactgaaaa agaaccatgt cactgggcta ctagtggtat ttaactgaat 540
catgcagag 549
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<211> 385

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 029942.1

<400> 739

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<210> 740

<211> 1550

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1382987.10

<400> 740

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tacttaaagt ttgaaatata ttagtgagag cggaggagac cttaaacaga aaaagaagag 300
ggaaaatcgt aacttgagaa ttagtcccc tgacaagcag cataatcaca aaacgagcat 360
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PA-0028 US

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<210> 741

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 249096.16

<400> 741

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cagaccta aaactaccca gccctcagcc acctgagacc aaacctggta aatctgtgat 300
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gcttgagctt aacagggtctt attctcccta agcagcaggg catgaggcat catcagtacc 420
atctcctctg ctcagctttc aaggagaata atgtgtgggt gagaccaac tgatgccagc 480
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<210> 742

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 246609.1

<220>

<221> unsure

<222> 98

<223> a, t, c, g, or other

<400> 742

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<210> 743

<211> 1777

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 244366.14

<400> 743

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PA-0028 US

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<211> 547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
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	aacctagaaa	actagaaaaga	aaagaaaaaa	gatattgaat	atctgaatta	ttcagatagg	480
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<210> 745
<211> 2344
<212> DNA
<213> Homo sapiens

<220>
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<220>
<221> unsure
<222> 94, 143, 2332
<223> a, t, c, g, or other

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	accatctttt	aggaaccctg	ccaccaaata	ataatatatc	caggcttaga	ctttggatta	420
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	ataagttcag	ataaaaatag	ggtgggtatt	aaaataatat	tgctgaagtg	cagattgaaa	600
	tactttttta	acaactgaag	ttctgagttt	ttatagggaa	tttcatgtaa	caagactggt	660

PA-0028 US

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<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1397728.1

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<210> 747

<211> 113

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 096421.1

<400> 747

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<210> 748

<211> 263

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 171619.1

<220>

<221> unsure

<222> 225

<223> a, t, c, g, or other

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aaatccttaa	tccttgaagt	ggtagcagat	gccaaaactt	caaaactgta	atcttaaatt	180
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<210> 749

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 987395.7

<400> 749

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<210> 750

<211> 3836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 198795.2

<220>

<221> unsure

<222> 106

<223> a, t, c, g, or other

<400> 750

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 403987.1

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<211> 245

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 034851.1

<400> 752

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tgctaagtgc gtgagacctg ggcactgcag ccgactgcct gggttgaatg gttgaatctc 180
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<211> 66

<212> DNA

<213> Homo sapiens

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<223> a, t, c, g, or other

<400> 753

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 002406.1

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2020-03-01

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 <211> 390
 <212> DNA
 <213> Homo sapiens

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 <221> unsure
 <222> 371, 382
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> a, t, c, g, or other

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 016106.1

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<210> 759

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<221> unsure  
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<223> a, t, c, g, or other
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<212> DNA
<213> Homo sapiens
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$\langle 220 \rangle$

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<221> unsure

<222> 135

<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<220>

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

<400> 779

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| ctgcaaaccg | ccacctccct | atactgcttg | gagctgagca | aatcaccaca | aactgtaata | 3960 |
| caatgatcct | gtattcagac | agatgaggct | ttccatggga | ccacaactat | tttcagatgt | 4020 |
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| cctattttct | aaacacttgc | aacctacctg | ttgagcatca | cagaatgtga | taaggaaatc | 4320 |
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| ctggactggg | tttcacattta | gaagacaatt | gacaacagtt | acataattca | ctctgagtgt | 4560 |
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PA-0028 US

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<211> 1944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2550869CB1

<400> 782

PA-0028 US

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| tggtctgcgc | cttgctgctg | tcactcgggtc | gcttcgtccg | gggcgacggc | gtgggaggag | 120 |
| accccgcggt | cgcggtgcca | catcgccgtt | tcgagtacaa | atacagcttc | aagggggccgc | 180 |
| acctgggtgca | gagcgacggg | accgtgccct | tctggggcca | cgcggggaat | gctattccaa | 240 |
| gttcagatca | aattcgagta | gcaccatctt | taaaaagcca | aagaggctca | gtgtggacaa | 300 |
| agacaaaagc | ggcctttgag | aactgggaag | ttgagtgac | atttcgagtg | actggaagag | 360 |
| gtcggattgg | agctgatggc | ctagcaattt | ggtatgcaga | aaatcaaggc | ttggagggcc | 420 |
| ctgtgtttgg | atcagctgat | ctgtggaatg | gtgttggaat | attttttgat | tcttttgaca | 480 |
| atgatggaaa | gaaaaataat | cctgctatag | taattatagg | caacaatgga | caaatccatt | 540 |
| atgaccatca | aaatgacggg | gctagtcaag | ctttggcaag | ttgccagagg | gacttccgca | 600 |
| acaaacccta | tcctgtccga | gcaaagatta | cctattacca | gaacacactg | acagtaatga | 660 |
| tcaataatgg | ctttacacca | gataaaaatg | attatgaatt | ttgtgccaaa | gtggaaaaata | 720 |
| tgattatccc | tgcacaaggg | cattttggaa | tatctgctgc | aactggagggt | cttgcatatg | 780 |
| accatgatgt | cctttctttt | ctgactttcc | agttgactga | acctggaaaa | gagccgccc | 840 |
| caccagataa | agaaatcttg | gaaaaaggaa | aagaaaagta | tcaggaggaa | tttgagcact | 900 |
| ttcaacaaga | attggataaa | aaaaaaggag | aattccagaa | ggggccacccc | gacctccaag | 960 |
| ggcagcctgc | ggaggaaata | tttgagagtg | taggagatcg | agagctaaga | caagtctttg | 1020 |
| aaggacagaa | tcgtattcat | cttgaaatca | agcagctgaa | ccggcagtta | gatatgattc | 1080 |
| ttgatgaaca | gagaagatat | gtctcttcct | taacagagga | aatctctaaa | agaggagcag | 1140 |
| gaatgcctgg | gcagcatggg | cagattactc | aacaagaact | ggatactgtt | gtgaaaactc | 1200 |
| agcatgagat | tctgagacaa | gtaaatgaaa | tgaaaaattc | catgagtgaa | accgtcagac | 1260 |
| tggtcagtg | aatgcagcac | cctggctctg | ctggaggcgt | ctatgagaca | acacagcact | 1320 |
| tcattgacat | caaagagcac | ctgcacatag | taaagaggga | catagataac | ttagtgcagc | 1380 |
| gaaatatgcc | atcaaatgaa | aagccgaaat | gcccagaact | accaccattt | ccatcatgtt | 1440 |
| tgtctacgg | ccacttcatt | atatttgttg | tggtgcaaac | tgtattattc | attggttata | 1500 |
| tcagtatatg | gtctcagcaa | gaagcagctg | ccaaaaaatt | cttttgacta | ccattttcct | 1560 |
| gtgtacttca | tctattttgt | tacaaaatga | tgtcgttttg | aggggaattta | agtattttaa | 1620 |
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| cagttaagaa | taaaccttaa | agcaaagaca | accacatttt | aatttgttca | cagtatgtaa | 1740 |
| atctgtctaa | atttcagtga | atttctgggtc | agtatgatgc | agcctctgag | cagaatattg | 1800 |
| accagtaaga | gggtaaataa | agtgggggca | acccttggtg | atgaatgtta | ccccctaagt | 1860 |
| ctcaatatatt | gcaggtttcc | ctgtataacg | taaacacact | tgccctcatg | cctcccagaa | 1920 |
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<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 348110.2

<220>

<221> unsure

<222> 1219-1249, 1561-1706, 2396, 2429, 2480

<223> a, t, c, g, or other

<400> 783

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| cgcggggagc | gagcgcgggc | gcggccagca | ccgggaacgc | accgaggaag | aagcccagcc | 120 |
| cccgccttcc | gccccttccg | tccccacccc | ctaccgcggc | gcccaggagg | ctccccggct | 180 |
| gcggcgcgca | ctccctgttt | ctcctcctcc | tggttggcgc | tgcttgcttc | tccgcactca | 240 |
| ctgctcgcgc | ggcgccgctc | gccagctccg | tgctccccgc | gccaccctcc | tccggggccgc | 300 |
| gctccctaag | ggatggtact | gaatttccgc | gccacaggag | accggctgga | gcgcccggcc | 360 |
| cgcgcctcgc | ctctcctccg | agcagccagc | gcctcgggac | gcgatgagga | ccttggtctg | 420 |
| cctgctgctc | ctcggtgctg | gatacctcgc | ccatgttctg | gccgaggaag | ccgagatccc | 480 |
| ccgcgaggtg | atcgagaggc | tggcccgcag | tcagatccac | agcatccggg | acctccagcg | 540 |
| actcctggag | atagactccg | tagggagtga | ggattctttg | gacaccagcc | tgagagctca | 600 |
| cggggtccat | gccactaagc | atgtgccega | gaagcggccc | ctgcccattc | ggaggatgag | 660 |
| aagcatcgag | gaagctgtcc | ccgctgtctg | caagaccagg | acggtcattt | acgagattcc | 720 |
| tcggagtcag | gtcgacccca | cgtccgccaa | cttctctgatc | tggcccccgt | gcgtggaggt | 780 |
| gaaacgctgc | accggctgct | gcaacacgag | cagtgtcaag | tgccagccct | cccgcgtcca | 840 |
| ccaccgcagc | gtcaaggtgg | ccaaggtgga | atacgtcagg | aagaagccaa | aattaaaaga | 900 |
| agtccaggtg | agggttagagg | agcattttgga | gtgcgcctgc | gcgaccacaa | gcctgaatcc | 960 |
| ggattatcgg | gaagaggaca | cggatgtgag | gtgaggatga | gccgcagccc | tttcctggga | 1020 |

PA-0028 US

| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| catggatgta | catggcggtgt | tacattcctg | aacctactat | gtacgggtgct | ttattgcccag | 1080 |
| tgtgcggtct | ttgttctcct | ccgtgaaaaa | ctgtgtccga | gaacactcgg | gagaacaaaag | 1140 |
| agacagtgc | catttggttta | atgtgacatc | aaagcaagta | ttgtagcact | cggtagagca | 1200 |
| gtaagaagct | tccttgtcnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnna | caaaaccaca | 1260 |
| aatgacaaaa | acaaaacgga | ctcacaaaaa | tatctaaact | cgatgagatg | gagggtcgcc | 1320 |
| ccgtgggatg | gaagtgcaga | ggtctcagca | gactggattt | ctgtccgggt | ggtcacaggt | 1380 |
| gcttttttgc | cgaggatgca | gagcctgctt | tgggaacgac | tccagagggg | tgctggtggg | 1440 |
| ctctgcagg | cccgcaggaa | gcaggaatgt | cttgaaaacc | gccacgcgaa | ctttagaaac | 1500 |
| cacacctcct | cgctgtagta | tttaagccca | tacagaaaacc | ttcctgagag | ctttaagtgg | 1560 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1620 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | nnnnnnnnnn | 1680 |
| nnnnnnnnnn | nnnnnnnnnn | nnnnnncttg | gatgacattt | acaccgataa | cacacaggct | 1740 |
| gctgtaactg | tcaggacagt | gcgacggtat | ttttcctagc | aagatgcaaa | ctaagtgat | 1800 |
| gtattaaaat | aaactaggta | tacctaccta | tgcatcattt | cctaaatgtt | tctggcttgg | 1860 |
| tgtttctccc | ttacctgtct | ttatttgtta | atttaagcca | ttttgaaaga | actatgctgc | 1920 |
| aaccaatcgt | acgccgtccc | tgccggcacct | gccccagagc | ccgtttgtgg | ctgagtgcac | 1980 |
| acttgttccc | cgcagtgcac | acctagaatg | ctgtgttccc | acgcggcacg | tgagatgcat | 2040 |
| tgccgcttct | gtctgtgttg | ttgggtgtgcc | ctgggtgccg | ggtggcggtc | actccctctg | 2100 |
| ctgcagtggt | ttggacagaa | cccaaattct | ttatttttgg | taagatatgt | tgctttacct | 2160 |
| gtattaacag | aaatgtgtgt | gtgtggtttg | tttttttgta | aaagtgaaag | ttgtatgttt | 2220 |
| acttaatat | acctgttttg | tatacctgag | agcctgctat | gttctttttt | tggtgatcca | 2280 |
| aaattaaaaa | aaaaaatacc | accaacaaaa | cccgtggacg | tgagaaaagc | ttttgtggta | 2340 |
| cgtttttcta | gcactggagt | ctagaccctg | gttgccaggt | catgcggtgc | tgtgtncggt | 2400 |
| ggaaacggag | gtcagagctt | tctgggtgng | gtccctggac | ctgcctccat | ggtggcaccc | 2460 |
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<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2797546CB1

<400> 784

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| gcaaggggtg | aggacaccag | catgaacctt | gttcagaaat | atctagaaaa | ctactacgac | 180 |
| ctcaaaaaag | atgtgaaaca | gtttgttagg | agaaaggaca | gtggtcctgt | tgttaaaaaa | 240 |
| atccgagaaa | tgcagaagtt | ccttggattg | gaggtgacgg | ggaagctgga | ctccgacact | 300 |
| cttgaggtga | tcgcgaagcc | caggtgtatg | gttcctgatg | ttggctactt | cagaaccttt | 360 |
| cctggcatcc | gaaaacccac | cttacatata | ggaattgtga | ttatacacca | | 420 |
| gatttgccaa | aagatgctgt | tgattctgct | gttgagaaag | ctctgaaagt | ctgggaagag | 480 |
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| gcagttagag | aacatggaga | cttttaccct | tttgatggac | ctggaaatgt | tttggcccat | 600 |
| gcctatgcc | ctgggccagg | gattaatgga | gatgccact | ttgatgatga | tgaacaatgg | 660 |
| acaaaggata | caacagggac | caattttatt | ctcgttctg | ctcatgaaat | tggccactcc | 720 |
| ctgggtctct | ttcactcagc | caacactgaa | gctttgatgt | acccactcta | tcactcactc | 780 |
| acagacctga | ctcgggtccc | cctgtctcaa | gatgatataa | atggcattca | gtccctctat | 840 |
| ggacctcccc | ctgactcccc | tgagaccccc | ctggtaccca | cggaacctgt | ccctccagaa | 900 |
| cctgggacgc | cagccaactg | tgatcctgct | ttgtcctttg | atgctgtcag | cactctgagg | 960 |
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| cctgaattgc | atttgatctc | ttcatttttg | ccatctcttc | cttcaggcgt | ggatgccgca | 1080 |
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| accgtgagga | aaatcgatgc | agccatttct | gataaggaaa | agaacaaaac | atatttcttt | 1260 |
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| aaagtgcac | acactttgaa | gagtaacagc | tggcttaatt | gttgaaagag | atatgtagaa | 1500 |
| ggcacaatat | gggcacttta | aatgaagcta | ataattcttc | acctaagtct | ctgtgaattg | 1560 |
| aaatgttcgt | tttctcctgc | ctgtgctgtg | actcgagtca | cactcaaggg | aacttgagcg | 1620 |
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| ttagcttgca | ccttgtcaca | tagagtgatc | tttcccaaga | gaaggggaag | cactcgtgtg | 1740 |
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 <221> misc_feature
 <223> Incyte ID No: 233942.1

<400> 785

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 gagtggagag gggatcagcc caggggtacca tgtgatgact aatatgccac tcattaaggg 1080
 cttttacctc ggctgtccac atccagtcac gcatttgggg ccaggcatgc ctgcgaaatg 1140
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 ttctgtaaaa tgccatgctt cgcagcttca aaaagcaaaa ttctgtattt catggagggg 1560
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 aatcagcatt gtcattgaca aaactggatg ctgaagataa agtaaaaattg tcttttccct 1920
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 gttgatagcc gatctttaag aagaccctgt ctttaaaatg aaactagcag gcaaacacct 2040
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<210> 786
 <211> 2349
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 223107.5

<400> 786

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 tagtaacttt ggaaaacagt ccatgtatta caccagagtt gcttcgtata tttcagaata 180
 tgtcaccact tcttgaaact agttcagaaa atcttagaac ttgctttaag atcatcaatg 240
 gttatatctt tttatcatca acagaatttt tacagacata cgcagtaggt ctatgccaggt 300

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| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| cctttgtgaa | cttttaaagg | aaattactac | agaagggtcaa | gttcagggtgc | tcaagggtgtg | 360 |
| gaaaatgccc | ttaaagttaa | cccaatacta | gggtccacaaa | tgtttcaacc | gattttaccc | 420 |
| tatgttttca | aggggtattat | agaaggggag | aggtatcctg | tagtgatgtc | cacgtatctt | 480 |
| ggagttatgg | gtcgagttct | actacaaaac | actagttttt | tttcttcact | acttaatgag | 540 |
| atggcccata | aatttaataca | ggagatggac | cagcttttgg | gaaatatgat | tgaaatgtgg | 600 |
| gttgatcgaa | tggacaacat | taccagcct | gaaagaagaa | aactttcagc | tttggccttg | 660 |
| ctctctcttc | tgccatctga | taatatgtgt | atccaagata | aattctgtgg | gattataaac | 720 |
| atttcagtag | aaggcctgca | tgatgtcatg | acggaagatc | ctgaaacagg | aacttataaa | 780 |
| gactgtatgt | tgatgtctca | tcttgaggaa | ccaaaagtaa | cagaagatga | agaaccaccc | 840 |
| acagaacaag | ataagaggaa | aaagatgctg | gcctgaagg | accctgttca | tacagtgtca | 900 |
| ctgcagcagt | tcatctacga | gaagctcaag | gcacagcagg | agatgctagg | agaacaaggt | 960 |
| ttccagtcct | tcatggaaac | agtggatagc | gagattgtca | cccagctaca | ggagtttttg | 1020 |
| caaggattct | aagagcacat | gacatgtggc | tgctctccct | ttcagaaaca | agctgagtaa | 1080 |
| cccagcctgc | cgtttgtatg | tgagagcctg | ctgagatgaa | gaaatcactt | catgaaaaa | 1140 |
| agcaaatgac | acacattttt | tactacaaaa | tgtaaaggat | aaatgtaaat | cctgcataac | 1200 |
| taaaatcaca | aacctatttc | tcaaaagaat | ttaattttat | atttatgagg | gggcccctca | 1260 |
| ctaaaaagta | catgtaaaaa | tacattttgat | gacaatagct | gcttagtttc | ctgttaagag | 1320 |
| aagaaacttt | atctttttaat | tatgtgctct | taatatattga | agatgagagt | taatacctga | 1380 |
| gatgtttttt | tgcaacccaa | attcattaaa | tttggctgcc | ttatcctttt | tttaagctaa | 1440 |
| tgaaactaca | ggtttgaaaa | atgacaaagc | tgttcagatg | atgctattaa | agaaatgtgt | 1500 |
| gtactaagca | aaaatatata | aatagtga | aatacacatt | accaagctta | tcttgcaagg | 1560 |
| gagttatttt | catctaacat | agaaagtgtg | ttttatcaga | caaagtcttt | tattttcatt | 1620 |
| ctaataattt | gatacagaaa | ttagtaaagg | catttttttc | tttttttttc | cagtaaatac | 1680 |
| attgggtcta | taaagtgtgca | tttgtaaggg | ccacaaaagt | gaacgtgtgg | tactgtagta | 1740 |
| ccacgtggga | gacctctggt | tatggtttag | tcctagttcc | tttgttactc | ctgtgagcac | 1800 |
| cgagaagaac | tgggcgactc | ccagtcacc | ctgtgctgtg | acagtcacc | gtggctatga | 1860 |
| cagactgttt | agtacttacc | cttctcaggt | tcctcagtc | aggggtgcat | cagggcctca | 1920 |
| ataatagggg | tatacctggg | aggatccagc | agtaatcccc | aggggtactag | gattactagt | 1980 |
| actctgatgg | aactagtctt | ccttccttat | tcctcgaaca | tgagtagcat | aaaaagggga | 2040 |
| aaaggagaaa | aaaaaagcct | tactttgttt | tacttgccat | ttattgttaag | gaaactttaa | 2100 |
| agcatttttt | aggaaatact | caaaaagcaag | gttggaataa | gttttatctt | tctatagaaa | 2160 |
| gttggtgtaca | gtatgttaact | gcgggaaacc | cactgcccct | ttgtaagctg | tggaacccaa | 2220 |
| actgtatggg | gatattttgat | gttttcagaa | agaggaagaa | aatatgggtc | aaattaaatt | 2280 |
| ttccaaagat | acctcacctt | ggactgattt | gtctgactac | ttttcttgct | ccccccaaaa | 2340 |
| aatgagttc | | | | | | 2349 |

<210> 787

<211> 3758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1383816.3

<400> 787

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| cgcgccctgcg | cagtggggag | cagctcgctc | ctgggctttg | gggctggctg | cagtctgtct | 60 |
| gagggcgggcc | gaagtggctg | gctcatttaa | gatgaggctt | ctgctgcttc | tcctagtgcc | 120 |
| ggcgtctgcg | atggtcgga | gcgagccctc | ggccaatctg | ggcggcgctg | ccagcaagag | 180 |
| attaaagatg | cagtacgcca | cggggccgct | gctcaagttc | cagattttgtg | tttcttgagg | 240 |
| ttataggcgg | gtgtttgagg | agtacatgcg | ggttatttagc | cagcggtacc | cagacatccg | 300 |
| cattgaagga | gagaattacc | tccctcaacc | aatatataga | cacatagcat | ctttcctgtc | 360 |
| agtcttcaaa | ctagtattaa | taggcttaat | aattgttggc | aaggatcctt | ttgctttctt | 420 |
| tggcatgcaa | gctcctagca | tctggcagtg | gggccaagaa | aataagggtt | atgcatgtat | 480 |
| gatggttttc | ttcttgagca | acatgattga | gaaccagtg | atgtcaacag | gtgcatttga | 540 |
| gataacttta | aatgatgtac | ctgtgtggtc | taagctggaa | tctggtcacc | ttccatccat | 600 |
| gcaacaactt | gttcaaattc | ttgacaatga | aatgaagctc | aatgtgcata | tggaattcaat | 660 |
| cccacaccat | cgatcatagc | accacctatc | agcactgaaa | actcttttgc | attaagggat | 720 |
| cattgcaaga | gcagcgtgac | tgacattatg | aaggcctgta | ctgaagacag | caagctgtta | 780 |
| gtacagacca | gatgctttct | tggcaggctc | gttgtaacct | ttggaaaacc | tcaatgcaag | 840 |
| atagtgtttc | agtgtgtggc | agtgttgtaa | ttctgcacat | tcattggagt | caataatact | 900 |
| gtatagcttt | ccccacctcc | cacaaaatca | cccagttaat | gtgtgtgtgt | gtgttttttt | 960 |
| taaggtaaac | attactactt | gtaacttttt | ttcttagtca | tatttgaaaa | agtagaaaat | 1020 |
| tgagttacaa | tttgattttt | tttccaaaga | tgtctgttaa | atctgtttgt | cttttatatg | 1080 |
| aatatttgtt | ttttatagtt | taaaattgat | cctttgggaa | tccagttgaa | gttcccaaat | 1140 |
| actttataag | agtttatcag | acatctctaa | tttggccatg | tccagtttat | acagtttaca | 1200 |

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| | | | | | | |
|-------------|------------|-------------|-------------|-------------|-------------|------|
| aaatatagca | gatgcaagat | tatgggggaa | atcctatatt | cagagtactc | tataaaat | 1260 |
| tgtgtatgtg | tgtatgtgcg | tgtgattacc | agagaactac | taaaaaaacc | aactgctttt | 1320 |
| taaatcctat | tgtgtagtta | aagtgtcatg | ccttgaccaa | tctaataaat | tgattaatta | 1380 |
| actgggcctt | tatacttaac | taaaataaaa | actaagcaga | tatgagttaa | attttaaagt | 1440 |
| ttcaatttat | tgctcagtg | acctgttaac | attatattta | acaattgctt | aaatttttgt | 1500 |
| ttttgattta | tggataat | cttaagagta | cacactttag | atacacaat | aatcgttcat | 1560 |
| ttaccatctt | taggatcatt | gaaactcatc | tcactaaaga | aagttcactt | gaacctcttt | 1620 |
| atagcattga | tactaggtga | acagaaatta | cctgactaat | aatttgtcta | acatcatata | 1680 |
| tcagaatttt | attgtatatg | atgaacaaaa | cttaaaat | tttaaattta | atttttaaat | 1740 |
| actgtttcag | agttctaaaa | aggcagtttt | ttaaaaaact | taagttgata | aaaactgtaa | 1800 |
| gaataattta | gcagaaatag | aaccagaatg | tagaagagta | gtcatgtaac | agcagtaata | 1860 |
| acatacttca | gcttccatat | aggaatagaa | gtggtagagc | caaaagtgat | ttaggagaag | 1920 |
| ttataaggta | caggttgagt | atcccttttc | caaaaatgct | tgggacaaga | agtatttcag | 1980 |
| atttcataat | ttttttcaaa | gtttggaata | tttgcatat | acttaccagt | tgggcatccc | 2040 |
| aaatctgaaa | tctgaaatgt | tccatgagca | tttcctttga | gtgtcatgtt | ggcactcaaa | 2100 |
| aaggttcaac | attgagtcca | cttaacactt | aggtgttaga | agacctaact | ttctgtaaca | 2160 |
| attaacctta | tactttgttt | gtcatcgaat | atttgttgaa | tgcattgtcag | gtaatggctt | 2220 |
| tgatttgtgat | agcttcaagg | tggaacatac | tgtaatctcc | agatgctagg | aagttagtct | 2280 |
| aataattcac | tgcagaaaat | tgattaagtg | gctgtccttt | taattaagag | tgtggagtca | 2340 |
| taaacttaag | ttcttcatat | agtgacaaga | gtccttagag | attgttattc | aagttcctta | 2400 |
| gaaattgtta | tttaggtata | atatcatctt | gtccttgact | agagcttgaa | acctgttat | 2460 |
| ctgattgtgt | accactccaa | attccctgcc | ttctgcaagt | tgaatgtctt | gctgaatgtg | 2520 |
| tctaggggtt | catcttcagt | aatcgacatt | ccactagtgc | catagttaac | ttcatgacat | 2580 |
| gtagacattc | aaaacttgag | ccttggtatg | tcctgtggac | ctgacagtta | aaaatataaa | 2640 |
| gaacctagga | ttcaattcca | actttctctg | tttgcccttg | gttgaataac | ttatcttttg | 2700 |
| gagaatagct | ttaagtggct | tagacactga | taaaattcag | ctgtgttgtt | gacgctcatc | 2760 |
| tcttttgtct | tacgcttagc | catattttaa | tcttgaattt | aatagagtct | agtgaaaaaa | 2820 |
| atgagtggga | agaatgaata | taaaagtaat | aatataagga | aaaagggaaa | gtaaactatt | 2880 |
| tagaatgtag | ttttgttata | ttcccagcat | ttcaatattt | attagttact | tgtaaattac | 2940 |
| tgtggctgtg | tagttttata | atgtctgtgc | actatattaa | ttagaagacc | atagaacatg | 3000 |
| ccagcaggtt | ggctaattgt | atgggggttt | ttaccacagt | tgccattgtg | gaagaaatta | 3060 |
| tttgggtacat | taataaaaaa | agttgggttaa | acatgggttt | atacctcagt | gtataagatg | 3120 |
| tgcaagacaa | atatgcttat | ttccttttct | agaatataag | tgatattatt | tgcttatgac | 3180 |
| actaacacta | ttaatgacag | gagtcacatc | gcctttacag | ctatcaaaat | ataatgagat | 3240 |
| cccaatgatg | attctttttt | actttgaaatg | ttaattagtt | tgggactttg | attggctggc | 3300 |
| aaacatttta | tcattgtcag | aatttaattt | agatttcaaa | aatagcttac | aggattttta | 3360 |
| acatgggtgtg | gtattcttaa | gccttttttt | taaaaaaaga | gatctttttg | agagaaacaa | 3420 |
| atgaggatttg | taagttttgg | ggactttacc | ctgtagcatt | gtgaaaataa | acttttgatta | 3480 |
| agctgatttg | aaaggaactc | ctactttgtg | gaattaaatc | tacattagag | cactttatat | 3540 |
| ggtaactata | ctcacaaaat | tttgcatat | aaaagttatt | atcattactt | tttaatggct | 3600 |
| tcttaaccctg | accagtgttt | atgactcact | atcagtctgg | cactcaagtc | ttaccatact | 3660 |
| cttggaacctt | atgctacttc | tcaagcctta | cgggtctactt | gtgcttcaga | tgctgctgaa | 3720 |
| ctgtcaatag | ctctgtgatg | ttttctgtgc | tggagtgg | | | 3758 |

<210> 788

<211> 1498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 094712CB1

<220>

<221> unsure

<222> 211-212, 304-306, 409

<223> a, t, c, g, or other

<400> 788

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| aaatcatcag | gaacaagaag | aggtttcacc | agcaggccct | gatggagctg | aagatcctgg | 120 |
| aagctctcag | aaagaaggac | aaagacaaca | cctacaatgt | ggtgcatatg | aaggactttt | 180 |
| tctactttcg | caatcacttc | tgcatacctt | nngagctcct | gggaatcaac | ttgtttgagt | 240 |
| tgatgaagaa | taacaacttt | caaggcttca | gtctgtccat | agttcggggc | ttcactctct | 300 |
| ctgnnnngggg | gtgcttgcag | atgctttcgg | tagagaaaat | cattcactgt | gatctcaagc | 360 |
| ccgaaaatat | agtgtctatac | caaaagggcc | acgcctctgt | taaagtcant | gactttggat | 420 |

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| | | | | | | |
|------------|-------------|------------|------------|-------------|------------|------|
| caagctgtta | tgaacaccag | aaagtataca | cgtacatcca | aagccgggttc | taccgatccc | 480 |
| cagaagtaat | cctggggccac | ccacaccctt | acgacgtggc | cattgacatg | tggagcctgg | 540 |
| gctgcatcac | ggcggagttg | tacacgggct | acccctgtt | ccccggggag | aatgaggtgg | 600 |
| agcagctggc | ctgcatcatg | gaggtgctgg | gtctgccgcc | agccgggttc | attcagacag | 660 |
| cctccaggag | acagacattc | tttgattcca | aaggttttcc | taaaaatata | accaacaaca | 720 |
| gggggaaaaa | aagataccca | gattccaagg | acctcacgat | ggtgctgaaa | acctatgaca | 780 |
| ccagcttcct | ggactttctc | agaaggtgtt | tggtatggga | accttctctt | cgcatgacct | 840 |
| cggaccaggc | cctcaagcat | gcttggtatc | atcagtctcg | gaacctcaag | ccacagccca | 900 |
| ggcccagac | cctgaggaaa | tccaattcct | ttttccctc | tgagacaagg | aaggacaagg | 960 |
| ttcaaggctg | tcatcactcg | agcagaaaag | cagatgagat | caccaaagag | actacagaga | 1020 |
| aaacaaaaga | tagccccacg | aagcatgttc | agcattcagg | tgatcagcag | gactgtctcc | 1080 |
| agcacggagc | tgacactggt | cagctgcctc | aactggtaga | cgctcccaag | aagttagagg | 1140 |
| cagctgtcgg | ggcggagggtg | tccatgacct | ccccaggaca | gagcaaaaac | ttctccctca | 1200 |
| agaacacaaa | cgttttacc | cctattgtat | gacctttgct | gagggtagtg | cctgtctcct | 1260 |
| tccaccagtg | atttgtatta | agacagcact | tatatgttac | aatacttcag | actgtttttt | 1320 |
| ttaaatacat | aaaactttat | gttaaaaaac | tctattaaca | tggccaattg | gcatgactcc | 1380 |
| tcttatgagg | gatgggggag | gatgtccttg | cacttaaact | cattccatat | gcatctgtgt | 1440 |
| gtgtagaggg | ggcgggtagt | tttgaactct | cagtgttaca | gcatcattaa | tggaactc | 1498 |

<210> 789

<211> 526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 994617.1

<400> 789

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| gagacacaag | atcctgcctt | ggagctgaaa | tgggcaccag | gctcttcttc | tatgtggccc | 60 |
| tttgtctgct | gtgggcagga | cacagggatg | ctggaatcac | ccagagccca | agatacaaga | 120 |
| tcacagagac | aggaaggcag | gtgaccttga | tgtgtcacca | gacttggagc | cacagctata | 180 |
| tgttctggta | tcgacaagac | ctgggacatg | ggctgaggct | gatctattac | tcagcagctg | 240 |
| ctgatattac | agataaaagga | gaagtccccg | atggctacgt | tgtctccaga | tccaagacag | 300 |
| agaatttccc | cctcactctg | gagtcagcta | cccgtcccca | gacatctgtg | tatttctgcg | 360 |
| ccagcagtga | gtccccctta | caggggcccga | acactgaagc | tttctttgga | caaggcacca | 420 |
| gactcacagt | tgtagagcag | tgttcccacc | cgaggctcgt | gtgtttgagc | | 480 |
| catcagaagc | agagatctcc | cacacccaaa | aggccacact | ggtgtg | | 526 |

<210> 790

<211> 7823

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 1251672.1

<220>

<221> unsure

<222> 7472

<223> a, t, c, g, or other

<400> 790

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| gcctctcccg | cgcgagata | cacgcccccg | cctccgtggg | cacaaaggca | gcgctgctgg | 120 |
| ggaactcggg | ggaacgcgca | cgtgggaacc | gccgcagctc | cacactccag | gtacttcttc | 180 |
| caaggacctt | ggtctctcgc | ccatcggaag | gaaaataatt | ctttcaagaa | gatcaggggc | 240 |
| aactgatttg | aagtctactc | tgtgcttcta | aatccccaat | tctgctgaaa | gtgagatacc | 300 |
| ctagagccct | agagccccag | cagcaccacg | ccaaaccac | ctccaccatg | ggggccatga | 360 |
| ctcagctgtt | ggcaggtgtc | tttcttgctt | tccttgccct | cgctaccgaa | ggtgggggtc | 420 |
| tcaagaaagt | catccggcac | aagcgacaga | gtgggggtga | cgccaccctg | ccagaagaga | 480 |
| accagccagt | ggtgtttaac | cacgtttaca | acatcaagct | gccagtggga | tcccagtgtt | 540 |
| cgggtgatct | ggagtcagcc | agtggggaga | aagacctggc | accgccttca | gagcccagcg | 600 |
| aaagctttca | ggagcacaca | gtagatgggg | aaaaccagat | tgtcttcaca | catcgcatca | 660 |
| acatcccccg | ccgggcctgt | ggctgtgcgc | cagccctga | tgtaaggag | ctgctgagca | 720 |

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| gactggagga | gctggagaac | ctggtgtctt | ccttgagga | gcaatgtact | gcaggagcag | 780 |
| gctgctgtct | ccagcctgcc | acaggccgct | tggaaccag | gcccttctgt | agcgggtcggg | 840 |
| gcaacttcag | cactgaagga | tgtggctgtg | tctgcgaacc | tggttgaaa | ggccccaact | 900 |
| gctctgagcc | cgaatgtcca | ggcaactgtc | accttcgagg | ccggtgcatt | gatgggcagt | 960 |
| gcatctgtga | cgacggcttc | acgggagagg | actgcagcca | gctggcttgc | cccagcgact | 1020 |
| gcaatgacca | gggcaagtgc | gtgaatggag | tctgcatctg | tttcgaaggc | tacgccgggg | 1080 |
| ctgactgcag | ccgtgaaatc | tgcccagtgc | cctgcagtga | ggagcacggc | acatgtgtag | 1140 |
| atggcttgtg | tgtgtgccac | gatggctttg | caggcgatga | ctgcaacaag | cctctgtgtc | 1200 |
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| acagtgaagt | ggagtcagat | cctagattcg | tctgatttta | tccagagaag | gtctatggca | 1200 |
| agcaatgtat | attttttctaa | tgtgaatatt | gcacagatga | acctttttatt | tataaagaat | 1260 |
| aatgtctttc | tg | | | | | 1272 |

<210> 793

<211> 1892

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2812002CB1

<400> 793

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|-----|
| ggtccagtc | tctgccactc | tcgctccgag | gtccccgcgc | cagagacgca | gccgcgctcc | 60 |
| caccacccac | accacccgcg | ccctcgcttcg | cctcttctcc | gggagccagt | ccgcgccacc | 120 |
| gccgcgcgcc | aggccatcgc | caccctccgc | agccatgtcc | accaggtccg | tgtcctcgtc | 180 |
| ctcctaccgc | aggatgttcg | gcggcccg | caccgcgagc | cgcccgagct | ccagccggag | 240 |
| ctacgtgact | acgtccaccc | gcacctacag | cctgggcagc | gcgctgcgcc | ccagcaccag | 300 |
| ccgcagcctc | tacgcctcgt | ccccgggcgt | cgtgtatgcc | acgcgctcct | ctgccgtgcg | 360 |
| cctgcggagc | agcgtgcccg | gggtgcggct | cctgcaggac | tcggtggact | tctcgctggc | 420 |
| cgacgccatc | aacaccgagt | tcaagaacac | ccgcaccaac | gagaaggtgg | agctgcagga | 480 |
| gctgaatgac | cgcttcgcca | actacatcga | caaggtgcgc | ttcctggagc | agcagaataa | 540 |
| gatcctgctg | gccgagctcg | agcagctcaa | gggccaaggc | aagtcgcgcc | tgggggacct | 600 |
| ctacgaggag | gagatgcggg | agctgcgcgc | gcaggtggac | cagctaacca | acgacaaaagc | 660 |
| ccgcgtcgag | gtggagcgcg | acaacctggc | cgaggacatc | atgcgcctcc | gggagaaatt | 720 |
| gcaggaggag | atgcttcaga | gagaggaagc | cgaaaacacc | ctgcaatctt | tcagacagga | 780 |

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| | | | | | | |
|-------------|------------|------------|-------------|------------|-------------|------|
| tgttgacaat | gcgtctctgg | cacgtcttga | ccttgaacgc | aaagtggaat | ctttgcaaga | 840 |
| agagattgcc | tttttgaaga | aactccacga | agaggaaatc | caggagctgc | aggctcagat | 900 |
| tcaggaacag | catgtccaaa | tcgatgtgga | tgttttccaa | cctgacctca | cggctgccct | 960 |
| gcgtgacgta | cgtcagcaat | atgaaagtgt | ggctgccaag | aacctgcagg | aggcagaaga | 1020 |
| atggtacaaa | tccaagtttg | ctgacctctc | tgaggctgcc | aaccggaaca | atgacgccct | 1080 |
| gcgccaggca | aagcaggagt | ccactgagta | ccggagacag | gtgcagtccc | tcacctgtga | 1140 |
| agtggatgcc | cttaaaggaa | ccaatgagtc | cctggaacgc | cagatgcgtg | aaatggaaga | 1200 |
| gaactttgcc | gttgaagctg | ctaactacca | agacactatt | ggccgcctgc | aggatgagat | 1260 |
| tcagaatatg | aaggaggaaa | tggtctgtca | ccttctgtga | taccaagacc | tgctcaatgt | 1320 |
| taagatggcc | cttgacattg | agattgccac | ctacaggaag | ctgctggaag | gcgaggagag | 1380 |
| caggatttct | ctgcctcttc | caaacttttc | ctccctgaac | ctgagggaaa | ctaactctga | 1440 |
| ttcactccct | ctggttgata | cccactcaaa | aaggacactt | ctgattaaga | cggttgaaac | 1500 |
| tagagatgga | caggttatca | acgaaacttc | tcagcatcac | gatgacctg | aataaaaaatt | 1560 |
| gcacacactc | agtgcagcaa | tatattacca | gcaagaataa | aaaagaaatc | catatcttaa | 1620 |
| agaaacagct | ttcaagtgcc | tttctgcagt | ttttcaggag | cgcaagatag | atttgggaata | 1680 |
| ggaataagct | ctagttctta | acaaccgaca | ctcctacaag | atttagaaaa | aagtttacaa | 1740 |
| cataatctag | tttacagaaa | aatcttgtgc | tagaataactt | tttaaaaggt | attttgaata | 1800 |
| ccattaaaaac | tgcttttttt | tttccagcaa | gtatccaacc | aacttggttc | tgcttcaata | 1860 |
| aatctttgga | aaaactcaaa | aaaaaaaaaa | aa | | | 1892 |

<210> 794

<211> 905

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 407899.1

<220>

<221> unsure

<222> 493

<223> a, t, c, g, or other

<400> 794

| | | | | | | |
|------------|------------|------------|-------------|------------|------------|-----|
| cttgtcactt | acagcagccg | aagctaccag | accaaacacag | cagacacagg | tgcaaggcct | 60 |
| gggttgagag | acgggcaggc | tgggcaaaca | gagaagaacc | agaaaggctg | gagtgggcaa | 120 |
| atggcagagg | gcatgggagg | catctgggct | atggccagag | ctgtccagcc | acacaatggg | 180 |
| tgcttcaact | ggaccagcag | ggccagaggg | agaaaggggg | cctttgttca | tctggggctg | 240 |
| gagcaggcca | gagggaaacc | cgagccttgg | gtgtgtctcc | cctttaggcc | aactgtgggg | 300 |
| ggccccagga | agagacttgt | ctaaggagtt | agaagactat | attcccaacc | caccccttac | 360 |
| tagagggcaa | aggtctttac | tttcctgtag | atccctattt | ctcttcctag | ctttatagta | 420 |
| ggcctttata | gccctctttg | cttctcccct | ttagctgggt | tgttgacta | agtttgcttc | 480 |
| caccttaggg | gcnctttggc | actttcctat | tttcctcagc | ctggaagtgc | tccttcccca | 540 |
| gatttttgca | gactggcttc | ttcttgtcat | ttagatctca | gttcattatg | cctcctcttc | 600 |
| actatcacat | tacttgtttg | tcttattttc | cactctatac | ttacctagta | tctgtatttt | 660 |
| ttaatctact | tagcctggca | cctagactga | ctaggttgcc | tatccagttt | tgttgcttaa | 720 |
| tagttgtgta | aatgtggcaa | gttacttttc | tgtgtctcag | cctttttttc | tgttgtagga | 780 |
| atctacttaa | tagggctatc | atggggataa | aatgagtgca | tatatttaag | gtaatttttt | 840 |
| aacgggtctg | gcacatagta | agtgtcfaat | aaagattagc | ttttacttaa | aaaaaaaaaa | 900 |
| aaaaa | | | | | | 905 |

<210> 795

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 235056.24

<220>

<221> unsure

<222> 32

<223> a, t, c, g, or other

<400> 795

| | | | | | | |
|------------|-------------|-------------|-------------|------------|------------|------|
| ttccacttgg | agagaaaaag | gcagcgcaag | cnaagagaaa | cagatgtccg | ccaattccaa | 60 |
| gcacaggcgt | ttactgaagc | atttgaaagg | gaactaagaa | gacataaagt | tcaagagaa | 120 |
| attggacctc | taagaatata | tgagaaggag | gaggaaaacag | tgggaaaaaa | tatacagagg | 180 |
| agaagctgtt | cgtaaaggaa | ctccagaatg | tagtcagccc | tggaagattt | actctagaaa | 240 |
| aaccacaacg | cagagtctaa | gaggtggcct | cccaaagcca | aataaagcag | ttccaatgaa | 300 |
| agtaagtga | cacagtctcc | tgcccccttat | gctggagcag | tttccgtttc | tttatgtttc | 360 |
| tggcccaaca | ctaagcaaaa | tgtggaaaca | gcaaattgca | caggttgaac | agcttaagaa | 420 |
| agaagcatgt | agagaaaaatc | gatcaaagaa | gaaactccaa | gatgaaatag | aagaagccct | 480 |
| aagaaggcat | gacctcctta | ctacccttgt | caagaaagaa | tatgaacata | acaagagact | 540 |
| gcaagacttc | aaggactgca | ttcgtaggca | aaggttgacc | caatcaaaga | taaaagaaaa | 600 |
| tcgacagcaa | atcggttcgtg | ctcgaaaata | ttatgatgat | tatagagttc | agttgtgtgc | 660 |
| aaaaatgatg | agaatgagga | cccgggaaga | aatgatattt | aagaaactgt | ttgaagaagg | 720 |
| tttaaacatt | caaaagcaaa | gattacgaga | cctaagaaac | tatgccaaag | aaaagcgaga | 780 |
| tgaacaaaag | agagccacc | aggatgaact | ggactccatg | gagaactact | ataaggacca | 840 |
| gttttcattg | ctggcagaag | ccatatacaca | ggaacatcaa | gaacttaaa | ccagagagaa | 900 |
| atctcaggcc | cagacattac | ataaggtgaa | gagggagctg | agatctaaga | tggagaagga | 960 |
| aattcagcag | ctgcaggaca | tgataacaca | gaatgatgat | gatgttttct | tccgggaact | 1020 |
| ggaagctgag | cgcttcagat | ctcggcttca | gctggcttcc | tttcagtaca | gtaaaagtcc | 1080 |
| ctccctatga | ggccagactt | gataaatagta | ggtgaaggtt | ctggaggcct | ttaccaggac | 1140 |
| agagctagaa | tcgagccagt | aaacagctca | agccagaaaa | ataattttca | aatgctttac | 1200 |
| ctgtattttc | attccagtag | tttttatgat | tttttaata | aaaattgttt | tct | 1253 |

<210> 796

<211> 3691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 234196.3

<400> 796

| | | | | | | |
|-------------|-------------|------------|-------------|------------|-------------|------|
| cgcaccggaa | ggctcccagc | cccgtttcgt | cgcagcggct | tgggccctcc | ggccctccgt | 60 |
| agccgctcga | ctgtcgcgct | gcaccagctt | cctcctcggg | cgttcccacg | cctatttggg | 120 |
| cggattcttg | gcgcgggagg | aagaggcagg | gtcaccctct | ctccacgtca | gagacctgac | 180 |
| tgtggagatg | gcggctcaga | agataaacga | ggggctggaa | cacctcgcca | aagcagagaa | 240 |
| atacctgaaa | actggttttt | taaaatggaa | gccagattat | gacagtgccg | cttctgaata | 300 |
| tggaaaagca | gctgttgctt | ttaaaaatgc | caaacagttt | gagcaagcaa | aagatgcctg | 360 |
| cctgagggaa | gctgttgccc | atgaaaataa | tagggcttac | ttccattcag | tctttttcat | 420 |
| gctgccaaag | cttatgagca | agctggaatg | atgttgaaag | agatgcagaa | actaccagag | 480 |
| gccgttcagc | taattgagaa | ggccagcatg | atgtatctag | aaaacggcac | cccagacaca | 540 |
| gcagccatgg | ctttggagcg | agctggaaag | cttatagaaa | atgttgatcc | agagaaggct | 600 |
| gtacagttat | atcaacagac | agctaattg | tttgaaaaatg | aagaacgctt | acgacaggca | 660 |
| gttgaattac | taggaaaagc | ctccagacta | ctagtacgag | gacgtagggt | tgatgaggcg | 720 |
| gcactctcta | ttcagaaaaga | aaaaaatatt | tataaggaaa | ttgagaatta | tccaacttgt | 780 |
| tataagaaaa | caattgctca | agtcttagtt | catctacaca | gaaatgacta | tgtagctgca | 840 |
| gaaagatgtg | tccgggagag | ctatagcatc | cctgggttca | atggcagtga | agactgtgct | 900 |
| gccctggaac | agcttcttga | aggttatgac | cagcaagacc | aagatcaggt | gtcagatgtc | 960 |
| tgcaactcac | cgctttttcaa | gtacatggac | aatgattatg | ctaagctggg | cctgagtttg | 1020 |
| gtggttccag | gagggggaat | caagaagaaa | tcacctgcaa | caccacaggc | caagcctgat | 1080 |
| ggtgtcactg | ccacggctgc | tgatgaagag | gaagatgaat | actcaggagg | actatgctag | 1140 |
| tattttgctt | gctgaaaaga | aaagggaaac | aaaggtaaaa | tcctgacatg | ccattttcaag | 1200 |
| gacttgggaa | tagattaggg | atatccgtac | ttcattacag | tcattgattt | ggatccctaat | 1260 |
| aaagactagt | ttttagttac | catctttcca | aatcactcat | tgtatccatt | acctgtgaag | 1320 |
| catatctttt | tctttccata | agagcttttc | taagacacca | gcaggaatta | acagaaaatg | 1380 |
| tactgtcatg | ttttaataca | ttgattaaaa | aatttgcaag | ccaaattata | cataaattat | 1440 |
| gttctaaaca | aaaggggtaa | taagcatagg | tattctctct | tggacacttg | taagttactg | 1500 |
| ttagtgaatt | gtttttttacg | tttcatttaa | taattgtctg | taaaggtgat | gtttactgat | 1560 |
| aaatcatttt | aaaatttttt | tgttttgaaa | agtaaattta | tccccatga | tgttagatac | 1620 |
| attttaaatta | ttaagtcttt | tcagagatga | gatggggaca | ggaagttatt | ttgagcctta | 1680 |
| caatattatt | tagcccaata | aaagatgcat | tgaagctctt | atatattatg | agtttgaaaa | 1740 |
| attttgaagg | tagcatattg | aagtgatcta | taaatatctt | cagtcctctc | tgaagtggtg | 1800 |
| gtatttcttc | tatctaaaaa | atacatacag | tgactgtctt | caaacttact | tggttcttga | 1860 |
| ccaaatagga | gctaattgggt | aatgaatacc | cttttggttg | tttgtttgtt | tggtttgttt | 1920 |
| tttgtttttt | tttttaaggg | tctcactctt | ttgcccaggc | tggagtgacg | tggcacaatc | 1980 |

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| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| acggctccca | ggctaattgtt | tttatttttta | atttgtaatt | tttttttttat | ttttttttgtt | 2040 |
| gagatggagt | tgctccatgt | tgacacaggct | gttctcaaac | tcctaagctc | aagccatctg | 2100 |
| cctgccttgg | cctcccaaag | tgctgggatt | gtagacataa | gccacctcac | ccagcctatg | 2160 |
| aatatctttc | taacattgta | agaatgaggt | aatgtttcca | tcagtctaata | acagatataat | 2220 |
| ttcttccctc | caaaacagtt | tatttttgatt | gtttattttta | ttttgattgt | aactccgtca | 2280 |
| taacttgaca | tggaataatgc | tatatactat | gaaaacttag | ctgaaaggga | agaattgttt | 2340 |
| tagaaagaca | atattttaaaa | caccgcactg | ccaatatatt | gaccccttat | agttattttcc | 2400 |
| taaaatgctg | ttttcgaaac | attcctttttt | caccctgttg | tgtggccttag | acccatctcg | 2460 |
| taatctgtta | attggaaaga | ggctacagac | accagcagtg | tgcgcttctgc | aggtaacacgc | 2520 |
| tgccaaagta | attcctgtctc | atccatgccc | tgtctctgtc | tcttttagag | tcataacctta | 2580 |
| tttgagtata | ggttgcttaa | ttttgctaga | cttcctgaaa | acactaaggt | ggagtatcag | 2640 |
| aagtgttttt | agtcacagtt | ctgcggggaga | gcttagaata | acatccctcct | ttggggaggtg | 2700 |
| gtctcgggtg | cgtggatgtt | ggtatacagt | ctttattgta | agtctgatac | aaaatgctaa | 2760 |
| taaatttaaat | gtttttcttc | cttaattttat | tgccatagtt | cttcaggtag | cacctcattt | 2820 |
| ttattaatga | tattgggatt | aactatgaac | aagctatatg | tagacatttg | catttaagga | 2880 |
| cattgcagtg | tttcaaagat | cccatcattg | cagcttggtat | ccttttagatc | caatcggaata | 2940 |
| cttctggagt | cttacattaa | tgctcatttg | agctaattag | taatctgttt | aaacagattt | 3000 |
| ggcaataactt | taaagatact | gtagactatt | tatgtataga | tagatcatat | tacccattaa | 3060 |
| agtctggggg | aaaaaatttt | ttaattttac | tcttcttatg | tactgaaaac | ttttttttaa | 3120 |
| aaaggtgatg | atgaagtga | ttctgtagca | gcagcgagc | tatgctttta | accacacaaa | 3180 |
| aggctgtgtc | caggtgcagc | ctccttcacc | cttcctgccc | acgggtgagga | ttgaataacc | 3240 |
| aggacttggg | gatattgttt | gttgctcagg | ttattctgtg | tggttaaggaa | tatttgtttc | 3300 |
| acattttatac | attttctttt | tccactcacg | taagtttcta | tcttgagagc | atagtcctaaa | 3360 |
| gtgcaaaact | tggtgtttac | aaggaaaatt | gtcttccaga | actccactgt | catcactttc | 3420 |
| accaaagtgg | aagtttgcac | gaatatgtct | agaatctaata | attcaatgtt | ctgttacatt | 3480 |
| gtaagtgaag | tccagctaca | aaatatagatt | aatatatatga | atttattttgt | acatatgcag | 3540 |
| agtacgggat | ttctgtatgg | aatctgtctt | attcctattt | ttcccaactc | tgatgagtag | 3600 |
| aatatttaaat | gtgttggtat | ggaaatacag | attattgctt | ctataggaag | ataattatga | 3660 |
| aaataaaacc | tgaaactata | taaataataa | a | | | 3691 |

<210> 797

<211> 1211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 003105.1

<220>

<221> unsure

<222> 87

<223> a, t, c, g, or other

<400> 797

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|------|
| ataatcctag | aaaactcaca | aaatgtgtga | tgctttttgta | ggtacctgga | aacttgtctc | 60 |
| cagtgaanaac | tttgatgatt | atatganaga | agtaggtaag | gaaatgcgtt | gtggaatgac | 120 |
| tggattttata | atattttctt | ttgggaaaaa | gagttttacag | ctgtgtttat | agcaatgtct | 180 |
| ggaagccctg | gccagaaatg | aaaaatgctg | ctttctatag | agaggctgca | cacatagcaa | 240 |
| gtgataatca | tttgttttcta | gagaaattct | gaaccaaagc | tacaactaat | gtttcctaaa | 300 |
| ggtgtaccaa | tataaaaagg | tgtctaaatg | gaatgtttat | tgtcttttaga | aatgataaga | 360 |
| tttgacttta | tttgaaaaac | ttgggtatcc | ttggtttact | tagctctttg | cctgtttctc | 420 |
| tttcatcccc | ttttgcatgt | aaattaagca | ataacttgga | aaaaagttag | tatgcaataa | 480 |
| ttttcatttc | aaactgaaag | cactctagtt | cccttaatgc | aaggttcttt | ttcagtaacc | 540 |
| gtatgttagc | caattatttt | cttgtctcaa | tgtaaatcta | ttaaaatatg | tggttgtttt | 600 |
| atgatagaca | aaaattttta | tttcagaaaa | tatgtttctt | aaatggctta | aatacttcct | 660 |
| ttgactagaa | atgacatagt | atgccataga | attatcaacc | aattttaaag | gagaatgtta | 720 |
| cgcataatac | atacctcttc | tttgatagta | gaggttttta | atttttttaga | cgctgttaac | 780 |
| tgtcagcatg | tcatttgatg | aatgtctctc | agataactat | ggaggtaaat | cagaaaagac | 840 |
| aacttctcac | tcaggcagct | tctacttttg | aaacctttct | ccctcaaccc | catgcatgac | 900 |
| agtccaataa | agtcagaact | gggggttagca | aactggggag | gaattttatg | caatcttagg | 960 |
| gtttagaatg | taatcattaa | atcgcaaaaac | acttaaccct | cctgtaaat | atacagtata | 1020 |
| tatttttttg | cttgtctgta | actatgtttc | ttgttttttag | atgataggga | aattgggtgac | 1080 |
| ttcagcatga | gagagacttt | ctagaataaa | ctagagtgat | tcaataaaact | aattaatatg | 1140 |
| cactgatgca | gaaaagccag | gatttggggc | catttaacta | tttattttta | gaaaaatgtt | 1200 |
| atactttctaa | t | | | | | 1211 |

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<210> 798

<211> 1495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 981269.1

<220>

<221> unsure

<222> 343, 347, 349

<223> a, t, c, g, or other

<400> 798

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|------|
| gggggaccaa | atcttgttta | tttcaggaat | gcctggttgg | tttattatta | gaaacccaaa | 60 |
| taatgtaatt | tagcatttta | actaataaat | gagaaaaaag | catatataat | agatacagaa | 120 |
| aaagcatttc | aaaaaattca | gcatccatga | ttattttaaa | aacttatggt | aaattaggaa | 180 |
| tggaaggaaa | cattttttaa | ctgataagtg | gtatttacta | aaaacctgca | gcaagcatcc | 240 |
| acttaattgt | gaattgctca | aagtgggtccc | ttgagttcag | gaataggaca | agaatgtctc | 300 |
| ttctcactag | ttgtactcta | ggtcccagtc | gatgcagtaa | ggnaagnana | agactgtatc | 360 |
| tggaattggga | aagacgatct | aaaactacca | tcattcacag | atgacatgct | tgtgtatgca | 420 |
| gaaaattcta | aggaagctac | agattaaaat | tattaagaga | ttagcaaagt | cagtgtacaa | 480 |
| tatcaacatc | aaaagaccag | ttatatttct | atataccatc | aacaagccct | tagaaaaatga | 540 |
| aatttaaacc | aatattttaa | ttatagtagt | atacacaatt | accttgaact | aaatgtaata | 600 |
| atagacgtac | aaaacctcaa | gcaaaaagtta | tgaagctttg | ttgacaatgt | caagtgtttg | 660 |
| tgaggatgtg | gagcaacagg | aactctcaaa | cattgatggg | ggaagtggga | atttggtacaa | 720 |
| ctttgatata | cagtttggtg | gtatctagtg | aagttgaaaa | tatacacaat | ctatgagcca | 780 |
| gcaattcctc | tcctacatat | ataccttggt | tgtgcacata | tgtaccagga | gacattaaaa | 840 |
| acatgttctt | agcaacatct | ttcataattg | tccccaactg | gaaacagtcc | aaatgtccac | 900 |
| cgacagtaaa | aggataattt | cttgtaaagt | cgtagaatgg | aaagctgtaa | cacaatactg | 960 |
| agaatgatga | accgatgccg | catgcaacca | gggtgaatct | cagaagcata | attgtaaggg | 1020 |
| caatgagctg | gatatagaag | gatatatgca | ttatagtctt | atztatataa | agctccagaa | 1080 |
| acagtagtgt | ttgggcatct | atatttgagt | ggtaaagcta | taaaggaaaag | taagaaagca | 1140 |
| acagctaaaa | ctgtcatgag | agtgttttgt | tttgttttgg | agagaggaaa | gaggttgtga | 1200 |
| ttgggcaagg | acttatggga | atttctggag | ttctgatctg | ttctgtttct | tgatctttat | 1260 |
| ggtgatttgc | tttataataa | tttgtaaagc | gtaaaattta | tattttatgc | actttcctct | 1320 |
| gtcccccccg | ccccccgctt | aaagagtgtt | ttagaatgtg | gaaattttta | gataagatct | 1380 |
| atctcagggc | ttgttgtaag | aatgaaatga | agtataaagc | catgtagagc | ttgtagaata | 1440 |
| tgcttgccac | tttgaagac | cttaataaat | gttaactatc | taaacacaaa | aaaaa | 1495 |

<210> 799

<211> 2645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 233931.2

<400> 799

| | | | | | | |
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| tggaagccga | cgcgggcgcg | gagacccccg | cggtctccag | tccagcgtct | ctccccctgg | 60 |
| ctcccggtcg | tgcgctgagg | ctttgtcccc | tgtccttttg | cgaaggagtg | gagtttgacc | 120 |
| ccttaccacc | aaaggaagta | aggtacacct | ccttgggtcaa | gtacgactcc | gagaggcact | 180 |
| tcacgcagca | cgtgcagctg | ccccggtggc | tggtgggtggc | ctcctgcagc | cagacggtca | 240 |
| cctgtgtccc | caatggcacg | tggtgcgaact | acaaggccga | ggtgcgcttc | gagccacgcc | 300 |
| acaggccccc | ccgtctcctc | agtaccacca | tcgtgtaccc | caagtacccc | aaggccgtct | 360 |
| acaccaccac | cctggattac | aactgccgca | agacgctgag | gaggtttctg | tccagcgtgg | 420 |
| agctcgaagc | cgcggaagtc | ccgggcagcg | acgacctctc | tgatgaatgc | tgaccagca | 480 |
| ggctgggctg | gggtcggacc | ggctctcccc | ctgtcctgcc | cccgaactgc | ctggccaagc | 540 |
| tggtgcagct | taccttccac | gtcattccag | ccccagagga | gtctaacctc | gagataacct | 600 |
| caagcgcggc | cggtgggaaga | gaaaaaaaag | aaaaaatcac | tgcattctcat | aattattgag | 660 |
| atctttgtgt | tgtaattttc | aagctgtttt | tagagggaat | atatgtcctg | gtttgctgct | 720 |
| gtgttggttc | cccaaagtct | caatcagatg | aggcaacaaa | aagaccacca | gaattgcagg | 780 |
| aaagcagcag | cagtctggga | tagggagggg | ggaggagagc | tctccctccg | tggtcagttt | 840 |
| gtcagaagaa | aagcatggaa | aaagtggagt | ttaagaaatc | tcagccacgg | gtgtcttcac | 900 |

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| | | | | | | |
|-------------|-------------|-------------|------------|-------------|-------------|------|
| tgcacaaaag | tgggtgcta | tcagtaaaca | gtgacacctg | tgtgggttca | atctgtggag | 960 |
| agttgagttc | cattcctttg | tttttaaatt | tccacctcca | tctctaaaaa | aaagtggcaa | 1020 |
| agctgaggaa | atctgtgccc | ccatcccccg | acaccagaca | agctaagggtg | cattcagagt | 1080 |
| agggaaacgat | gtcaaaaacct | ggcgcgcgtg | gtggcgcgca | ttcctctcac | accaccgtac | 1140 |
| ggaggcaggt | gacagtcaac | tgaaatgtcc | ccaaggaccg | tgtgaattcg | gctggcggtg | 1200 |
| cccagcagcg | gggtggacca | gggtgcggtg | gcttcagacc | tgctctccgc | caccccgctc | 1260 |
| tcccctaacc | ccttcttggg | acctcctgcc | aatccctgtg | gtgtttgagt | aaagaaagtg | 1320 |
| gctgatgggt | ttactttttt | cttccaatat | tggaagaac | aaactagata | ttcccttga | 1380 |
| acacatccaa | attattttcca | gtgcctgagg | gttaccgagc | actgtaagct | cagctcggct | 1440 |
| gtagctcccg | gtttctgcg | atggcctcca | tctgcgccga | aagctgaact | gagccccg | 1500 |
| gtgccccgga | gccacagcag | cagggtgcagc | gacaatcgcc | gtcgtgcgca | gtcgtggag | 1560 |
| tcttgagag | ccacgctgtc | ctctgcagac | aacagcatca | gtccgctgtg | ccccaatgca | 1620 |
| tgcagccct | gtggacgggg | cctgcagtc | acccgtggtc | tgagcttgcc | gggctgaagc | 1680 |
| tgggtggga | cccagggagg | ggccacctg | ggaccacag | tctcctcagt | cacgtgcaga | 1740 |
| gcaaaaaatg | cttctgtgt | ttggaagagc | aagtgcgca | gcattttattg | ataaaaaatgg | 1800 |
| atttttctgt | ctgatttcat | gctgtgggtc | tttaagtgtg | caatgtcttt | tttttttttt | 1860 |
| ttttttgaca | tggagtctcg | ctctgttgcc | caggctgagt | ggaatggcg | caactcagct | 1920 |
| cactgcaacc | ttcacctccc | aggctcaagc | gactctcctg | cctcagcctc | ctgagcagct | 1980 |
| gggattacag | gtgcccacca | ccacgcccag | ctaatttttg | tatttttagt | agagacgggg | 2040 |
| tttcaccatg | ttggccaggc | tggctctcgaa | cacctgacct | tgtgatccac | ccgctcggcc | 2100 |
| tcccaataat | ttgtaagtta | tgtagcggg | atcctcaagg | ccttgctctg | ccccgtggag | 2160 |
| acgcttgctc | ggatgagctc | aggaaacagt | accggctgcg | tggcaggctc | gggtgttgtg | 2220 |
| tgcgaggacg | tggcctttgc | acaccgctgt | gttctcagag | gtccttagga | gataattttt | 2280 |
| tttgtcttag | ggggactgtg | tttaagttcag | acaaatcatg | ctgggtgtgg | agagagtctg | 2340 |
| aaatacgtca | gtgaagtaag | tagcagttag | cgattgtgaa | tgtgtaatgt | aaatggaaaa | 2400 |
| ccgggtttta | ccgtgttaag | ttattcacta | gggagccagt | cgtagttctt | tgtaatcctc | 2460 |
| tttcttccaa | acctgctttg | ctgaaagtgt | cagaaaagga | agtgtgtgga | gagaaacaga | 2520 |
| acccttcagg | gtgggtcaga | ggacgccatc | cacagtggat | tcgtgttcgt | ttgcaggtgg | 2580 |
| aagcagtgat | ttttaggacc | cactgattaa | aaacaaacat | tcccaagtgt | ctctgagaga | 2640 |
| tgctg | | | | | | 2645 |

<210> 800

<211> 3202

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 235056.23

<400> 800

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| tttgggttctg | gcgtccgcgc | cccagtgtcg | ggtctgcgtg | gatcggtcct | tccaggacac | 60 |
| cgctgccttc | ccggccgcgt | cggagtccgg | cgccgacctg | cctctgaaac | atggcaggct | 120 |
| cggatgctga | gtgggtaacc | attgccaaata | accttctttt | taagtgtcat | atacatctga | 180 |
| gaatacatga | acttcaagac | tgtgatgcta | atgtttttat | tgctctttat | cagtctat | 240 |
| tgggagaaaa | ggtaccagac | ctcatagtta | ttcctaggag | tcaagaagat | gatgcacaca | 300 |
| atgtacaagc | agtaattgat | tcaactggcct | tggactactt | gcaggctcagc | ttgtctcaca | 360 |
| taacaggaga | aaatatagtg | aaaggagata | aagaatctat | taagaatctc | ctggaaatat | 420 |
| ttgatggttt | gttggagtag | cttacagaac | gcatacgtga | aacatctcat | gagaaaagt | 480 |
| aaactgaaca | gtattttttaa | gaatctgata | gaggagaacg | tttgggaagag | ccagaaagta | 540 |
| ctaaagaatc | taaatcatca | tggaaaagag | tttcttttgg | gaggtgctcc | ttgtcttctg | 600 |
| agatgttggg | cccctcttgg | gatggagatg | aagcagaatc | cactggtgaa | atcattagac | 660 |
| ttggagacac | agcacacacc | ttttctctaa | gaagtaatgg | tgctcaatgt | cctaatagaa | 720 |
| tgtgtcttaa | aaaagcctta | gcctcaccaa | gttctaaatc | acatgaagat | atgttgtacc | 780 |
| ctcctagtgt | tttgtccaag | agtaggacat | cctttgttga | agacacggaa | accttttctg | 840 |
| tgagtgggat | tccaaatgct | aggaagctag | gggagcctat | ccgagcagct | attcctttac | 900 |
| atccacccta | ccacccttca | gagcctcgag | caccctgccc | cataggaaaa | gaatacttgc | 960 |
| attcaagtca | ctgctcccca | gccgtaaatt | ctactggaga | gcatacggaa | ttttctgggg | 1020 |
| atctagatga | tggacttttc | tttaatttcca | agtgacctaa | aggcagcaaa | tgggaagtat | 1080 |
| atccagctca | ggtccaagg | cctaggacaa | ggaagcctcc | caaaggaaaa | agaaatgaaa | 1140 |
| acagagctac | agcctcatcc | tgcaattcac | ctttccccc | gaggccaaga | aagagattaa | 1200 |
| cagaacaaga | attacatgat | gtatcagaaa | aactctctca | gcggctttct | gaactagatt | 1260 |
| ggatgttaaa | aagtgtctctg | ggtgatcgga | ttaaagaaaa | gactgaccat | aaagaagaaa | 1320 |
| atactggaaa | tgaggaggta | gaggatggaa | ctgaggagac | actgtctcag | cacagtgtat | 1380 |
| gcacgtgga | gtatgggcca | aagaagtcaa | ggccaggact | ttccatgcgt | agaaagccac | 1440 |
| cctacagatc | ccattcgctc | tctccatctc | cagttaacaa | acacaaacag | ttccacttgg | 1500 |

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| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|------|
| agagaaaaag | gcagcgcaag | ccaagagaaa | cagatgtccg | ccaattccaa | gcacaggcgt | 1560 |
| ttactgaagc | atttgaaagg | gaactaagaa | gacataaagt | tcaagagaa | attggacctc | 1620 |
| taagaatata | tgagaaggag | gaggaaacag | aaaaaatata | cagaggagaa | gctgttcgta | 1680 |
| aaggaactcc | agaatgtagt | cagccctgga | agatttactc | tagaaaaacc | acaacgcaga | 1740 |
| gtctaagagg | tggcctccca | aagccaaata | aagcagttcc | aatgaaagta | agtgaacaca | 1800 |
| gtctcctgcc | ccttatgctg | gagcagtttc | cgtttcttta | tgtttctggc | ccaacactaa | 1860 |
| gcaaaatgtg | gaaacagcaa | attgcacagg | ttgaacagct | taagaaagaa | gcatgtagag | 1920 |
| aaaatcgatc | aaagaagaaa | ctccaagatg | aaatagaaga | agccctaaga | aggcatgacc | 1980 |
| tccttactac | ccttgtcaag | aaagaatatg | aacataacaa | gagactgcaa | gacttcaagg | 2040 |
| actgcattcg | ttaggcaaa | tttgacccaa | tcaaagataa | aagaaaatcg | acagcaaatc | 2100 |
| gttcgtgctc | gaaaatatta | tgatgattat | agagttcagt | tgtgtgcaaa | aatgatgaga | 2160 |
| atgaggaccc | gggaagaaat | gatattttaag | aaactgtttg | aagaaggttt | aaacattcaa | 2220 |
| aagcaaagat | tacgagacct | aagaaactat | gccaaagaaa | agcgagatga | acaaaggaga | 2280 |
| cgccaccagg | atgaactgga | ctccatggag | aactactata | aggaccagtt | ttcattgctg | 2340 |
| gcagaagcca | tatcacagga | acatcaagaa | cttaaagcca | gagagaaatc | tcaggcccgag | 2400 |
| gtaataatta | agatagaagc | caagtcatgc | actgcatggc | aatgtttctt | tcagcaaggg | 2460 |
| acctcgta | ttggtagtgt | gagcaatagg | ccgtatcata | tagccccggg | gtggcagtg | 2520 |
| actgtactct | ctaggtttgt | gtaagtacac | tgacattttg | cacaacaaca | aatcatttta | 2580 |
| atgatgcatt | tcttggaaaca | tatctccatc | attaagtgc | acatgactaa | tttacatttt | 2640 |
| taggaagtgt | aaaaccaa | gtattatacc | tgtaaaggga | atggagagaa | gactaataag | 2700 |
| gcaatccatc | tatgacccaa | gacattttta | tcctatgatt | ttaacttttag | ttaggtctct | 2760 |
| gtgaagctg | ctgttgctag | attattgaaa | atgttgagg | agtttgatta | gctggaagat | 2820 |
| ggagagggaa | caatagatga | gggcctggat | aaatgctgtg | aacagcgagg | tgacatgcct | 2880 |
| tcttttttca | gacattacat | aaggtgaaga | gggagctgag | atctaagatg | gagaaggaaa | 2940 |
| ttcagcagct | gcaggacatg | ataacacaga | atgatgatga | tgttttcttc | cggaactgg | 3000 |
| aagctgagcg | cttcagatct | cggcttcagc | tggcttcctt | tcagtacagt | aaaagtcctt | 3060 |
| ccctatgagg | ccagacttga | taatagtagg | tgaaggttct | ggaggccttt | accaggacag | 3120 |
| agctagaatc | gagccagtaa | acagtcataag | ccagaaaaat | aattttcaaa | tgctttacct | 3180 |
| gtattttcat | tccagtactt | tt | | | | 3202 |

<210> 801

<211> 1800

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 415044.22

<220>

<221> unsure

<222> 774, 776

<223> a, t, c, g, or other

<400> 801

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| ctgcatgata | agcaccgaga | agtccgcgtg | aagtgcgtga | aggctctgaa | agggctgtac | 60 |
| ggtaaccggg | acctgagccg | cacgcctgga | gctcttcact | ggccgcttca | aggactggat | 120 |
| ggtttccatg | atcatggaca | gagagtacag | tgtggcagtg | gagtcctgca | gattactgat | 180 |
| acttatcctt | aagaacatgg | aaggggtgct | gatggacgtg | gactgtgaga | gcgtctaccc | 240 |
| cattgtgtag | gcctctaatt | gaggcctggc | ctctgctgtg | gggtgaatttc | tgtactggaa | 300 |
| acttttctac | cctgagtgcg | agataagaac | gatgggtgga | agagagcaac | gccagagccc | 360 |
| aggtgcccag | aggactttct | tccagcttct | gctgtccttc | tttgtggaga | gcaagctcca | 420 |
| cgaccacgct | gcttacttag | tagacaacct | gtgggactgt | gcagggactc | agctgaagga | 480 |
| ctgggagggg | ctgacaagcc | tgctgctgga | gaaggaccag | agcacgtgcc | acatggagcc | 540 |
| agggccaggg | accttccacc | tcctaggggtg | aaaccaggag | agattgcttg | cttcacttgt | 600 |
| acaaggcagg | aacggtggca | tgggggtggg | gaaacttgga | ggttgaagggt | ggctaattct | 660 |
| tgattctatg | tttttgatcc | tcctggcact | ccagacctgg | gtgatgtgca | ggagagcaca | 720 |
| ctgatagaaa | tccttggtgc | cagtgcccag | caactcctgc | ctcagcctcc | cganantggg | 780 |
| actacagtgc | ccgccaccac | gcccggctaa | cttttttgta | tttttggtag | agacgggttt | 840 |
| caccgtgttg | gccaggatgg | tcttgatctc | ttgacctgtg | gatccacctg | cctcatcatc | 900 |
| ccaaagtgc | gggattacag | gcgtgagcca | ctgcgcccag | catgttagac | aattttta | 960 |
| tcatectctc | tgtgctgttg | ttttctcagc | tgtgaaagga | atattctggg | ggggacaagg | 1020 |
| ttacagagtt | gctgagaggg | tctcatgaca | tgaagggtact | ggccttggca | cagtgcctgg | 1080 |
| gggggcgggg | actccgcaca | tgctgtgat | gtcacagtta | ctgtcagttc | acagcgaacc | 1140 |
| ttccctcctt | ttcctgttga | ctttccca | ctcctgtaac | cgctccctcc | tcccttcttc | 1200 |
| ctctctctct | cactcacgca | cacgcacaca | cacacacaca | cactccattc | actgtctcca | 1260 |

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| | | | | | | |
|------------|------------|-------------|------------|------------|------------|------|
| tgactctgga | gtaaactaac | gtctcgagtt | gccattggaa | gccccattgt | cctcattttg | 1320 |
| ttttgttttg | tttgtttgag | acgggggtctc | gcaccactgc | accccagcct | gggcaataag | 1380 |
| agtgaactc | catctcaaaa | aaaaaaaaaa | aaaggtacat | gaaacatatg | aagcaaaaag | 1440 |
| tgaaagtccc | cattcttttc | ctttttccag | aggtgatttt | tgtggccaat | ctggtttcat | 1500 |
| tccctcccag | acacttttct | aggcatctat | gtgcctctat | tcacatataa | acaaaatagg | 1560 |
| agttttcctg | tgcttccctt | aaatggcata | tgtatctttc | actctttttt | ttcacctagt | 1620 |
| ggatctttta | taccttaaaa | gctcaacctg | ggcttgggtg | ggggctcata | cgtgtagtcc | 1680 |
| caggcctttg | ggaggccaag | gtgggaggat | cacttgagct | caggagtccc | agaccattct | 1740 |
| tccaaagcaa | aaacaaaagg | attttgagat | cagtgtggac | aacttagcaa | aacaccatct | 1800 |

<210> 802

<211> 1325

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 020434.21

<220>

<221> unsure

<222> 1270

<223> a, t, c, g, or other

<400> 802

| | | | | | | |
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| cagaatactt | tgtggcctga | agttcaaaac | tatatgggca | cggttatgaa | atatttttgtg | 120 |
| ttacttgtaa | cagttcaaag | actctgcttg | cctcagcttg | taaggcagct | aagaaagagc | 180 |
| atgcagctat | cattcttttg | aacactacat | cttggaacaa | ggtgcagaat | ttagttttcc | 240 |
| acagtttgac | agtcacgcag | atggccttct | cacctaatga | gaagttctta | ctagctgttt | 300 |
| ccagagatcg | aacctgggtca | ttgtggaaaa | agcaggatac | aatctcacct | gagttcggta | 360 |
| aaacagcttc | tgattgggaa | agttattagt | gaaacagtta | tgttcatttt | atctacatta | 420 |
| agcagcttta | gttaagagaa | agataacaga | gtgaagggtg | gagcctcatg | tctttgaagc | 480 |
| ctttcaaagt | tcttgataa | ctgaggaaga | cttgaccttc | cttgtaagat | ttaaattggag | 540 |
| atgatcttta | tttgggttga | cctactttgt | attatgtagt | caagatggca | tgcattcaga | 600 |
| tatctcagtt | caagaaacat | aaacatctgt | atgtaggaag | ttaggttttg | caaattggtga | 660 |
| tagaatgcta | ccacaaaacc | taatggataa | cttatcctaa | gctaggattt | tatgggacag | 720 |
| gaataatgaa | gatacaacta | agaaaactca | tggttgagtg | gtttcttctc | tctgaactat | 780 |
| tttattaata | tagtactatt | ttaaattatg | aaatgtagag | gaaaccatta | tccttagctt | 840 |
| tttcctaccc | tctccagtca | cctccttcat | tgagaagggc | atattaggca | tccatctgga | 900 |
| ttaatgaccc | ctgagcaagg | tgtagccca | cctaccacac | ttctactctg | aacctggcat | 960 |
| aaactggaaa | aaaaaaaaaa | ggaggactaa | aaaccttggg | gtagtggggg | caggggccta | 1020 |
| ttcgtgttcc | cccaagattc | tttggggggg | ataagttcta | agagagtgtt | taaagtatat | 1080 |
| tggcatgggt | aaatccgggt | ttaaattttc | ccatgggata | agactcgcat | acaggtgggg | 1140 |
| tttggggata | ttccgggggt | tcttgggtgc | ctgggggttt | aaggagaaca | cccaggggac | 1200 |
| tggtaaaggt | atactccagc | aatatgggtt | tcagacacag | acgtgggttc | ctttgggcat | 1260 |
| cactaaatcn | ttttcctaaa | catggcagca | tttacgtggg | ttaacaaagc | taaaagtcca | 1320 |
| cctcg | | | | | | 1325 |

<210> 803

<211> 2603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 233594.3

<400> 803

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| ggcagcgctt | ggaggccaga | ggccgttcgc | ccgcctcagg | ccgggtccgg | cgccgctccc | 120 |
| ctcccctgcy | ccctgttccc | ggcagggccca | gagaggccgc | cgccctccgc | cgggtggttct | 180 |
| cgggcgaagg | gaagccgcga | agcaggtcct | ggggaagagc | tcgcctgctc | ctgaggggaag | 240 |
| cagcgataag | atggcgcttt | gaaggggagc | cgaggccgag | tcactctgtt | cgtcggggacg | 300 |
| ccgcctttct | aacgccgccg | tccgctcgca | ccactctggg | cctgctgccc | acactgactg | 360 |
| cgggggtccg | ggagagcggg | atgctggccg | gccgcgcctg | gcttcttgga | aagagcagga | 420 |

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aggagcgcga gaatgcagtt ccgcggcagg tgctcatccc agcagcttcg ggctctcggg 480
tgtggttttt acacctatga caaatgacat ggccaaacac accataatgt ctgaagggtac 540
aggtagccct aagcgcctgc tcgtcacgga agagactgtc ttgagagcac agaggagcag 600
gatgcaaccg acaggctgtg gccggacagc tgctgcccag cacatggagc ctgcacgcgc 660
acggtttggc caaagaagcc cccatactcc cggtgaaaaa gatttccaga agctgttctg 720
tcaataacaa agtctcaaag aaaaccacaa aaccaccaac actaagatca ttcttgagtc 780
caatttgaaa aactaggggtc aagttctgca gaggcattga aaggacaaga aaccacccctg 840
atacccatcg tgtgagggaa aatgctctat tcaccattcc tcagcttctg cttctgggtt 900
cagagttctc tctatatgtg aggggtgttt aaagctagag tggcttttat ccacttttat 960
taacacatct gaatgtgaag gtcaagagag gaaagtgata tgtcctaagt cagagtagag 1020
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gtgtgacctg tgtaactaag taccctataa accctcctgc aacagatcat attgcccttt 1260
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tgtgtctgtc ggtcctgact gtaccattta taaacagctt cactttcagc agttctcagc 1380
cctcttaagc tagggtcatt gtcagtaggg atactgtctc ataagcacca gcagaacacc 1440
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gtttttatct tttactttca gtctaacaca gcactgcctg ctttttggtt ttgttgcttg 1560
gtttgttttt tttctaccgt gttcaccaaa cttgtgtcca aatagctttg ggctgatgca 1620
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ttctctctta agggctaata gtttataatc atcccttaaa cactctgtga tgggatcttc 1860
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gtctctcata ccagaatatg aaaacactag cccagggctt gagtaaccta gatcacatga 2100
agctgacttc ctctgaggag tctaggacct cagatatagg tgggagcaca caatcaccc 2160
tctggaaaca gctaagactt gtgggtcagg cgtttgacct tgcagacaaa ggaagaggtc 2220
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gcacagttat tcatgagaca tcagcccatc atataaaaac tgcctccagt ttggttaaac 2520
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taccatgatg ttatttttct tga 2603

<210> 804

<211> 691

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 977449.1

<400> 804

cgagaccaca ggcttcattg ttaaaacacg caggggcagg ttgacatcag agtgcattac 60
atcatctgct gaactgctta gactggcggg agcagcacct ggcagcactg atggcgcaga 120
ccttcccact gtccaaatct cgctccttct cagtgttcct ggggcccttg acagagccct 180
gggtgactag gtgtcagtat gtttctgaac aagccagaca tttgtaattg tcaggctccct 240
tcattgaaa gggaattggc tgtctcacag tttctttggt cagccagagg ctgaccaga 300
agcttcacag agaggccttg cttctcggcc cagactgctt cccagtcgac agctatccaa 360
ttgacattgg tgggagcttg gtcacagtg ggctgagtc ctttgggtggc aatatttgtt 420
tatggaggca agtatgtcac agcatggcca ccgtaagcca gaccagagcc tgagcagatc 480
ctgcagcagc caacagcctc agattcccta caggggctgg aagatcaagt tgaatgtatc 540
catccatgcc catctgcagg cagcagaagc aggcaggggtg tccttgacc ctctcctcct 600
gctttcccag agtccagcat ctgtgccagt gccacctata gacctggtaa cttttttttc 660
ccggttctag tgttgtgttt gtccccacc c 691

<210> 805

<211> 582

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 197828.11

<400> 805

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| ggaaagagcc | ggtgaagggg | cagaacaggc | aggtgagagt | ctaagagggc | tcagtaatct | 60 |
| gaagcttggg | gggaagaagg | gattctgggc | tagaaagggg | gcagaagcct | gaagtagaaa | 120 |
| gagacgggat | tttgggtccg | ggtgggagagc | gaatgcattg | aaaagggcca | aggcccagga | 180 |
| taaggtagac | attttaaagg | gtacggatgc | ccaaggtaga | gcagacactt | gaggagacca | 240 |
| gctcagcaaa | cggaagacac | ttaaagtggg | aggttctcaa | gagagaagaa | gtttttaaga | 300 |
| ctagagctaa | gcaagacatt | taaaaggaca | tgggttggga | tttgggaaca | cgtttattcc | 360 |
| agaggcagga | acaaaggagt | cgcttgtcaa | ggatctgggt | agagaagact | aggttcttcc | 420 |
| tcgaaggaag | cacgcgcacg | cctgctctcc | cccattgtct | tttctggctt | ctccaggttc | 480 |
| cctcgaccca | ggacccccct | gttcccaggc | tatggccccc | agtgcctgt | agacctggca | 540 |
| ggccccccgt | gcttgcgacc | cctatttggg | ggtctgggtg | gc | | 582 |

<210> 806

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 193797.1

<400> 806

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| gatagaaaga | agtaaaccag | taactatgca | tatgagatga | atactggata | atgataagag | 60 |
| ctttacagaa | aattaaaatt | gggtcattta | aaaatattga | tgcctgattt | tatgttactc | 120 |
| tatatcaggc | gcagttttta | gtgctcattt | aatcttttga | actgctacat | gtactatatt | 180 |
| aaggcaatct | cccattttaca | gatgaggaag | taggggcaca | gagaaggatg | ccacctttct | 240 |
| aaaatcacat | agctattaag | tagaaaaggc | agaatttcaat | ctcaagcaat | tttcttccaa | 300 |
| ggccaatggt | tattattaaa | gtaacatagg | cttttc | | | 336 |

<210> 807

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 032735.1

<220>

<221> unsure

<222> 1070-1096

<223> a, t, c, g, or other

<400> 807

| | | | | | | |
|------------|-------------|-------------|------------|-------------|-------------|------|
| gagaaggctc | acacagccct | ggaaaccatg | ccactggcca | ttccccatct | gactcagggt | 60 |
| acagatcccc | tcccttttcc | cactgaccac | tcactctcct | ctggccagat | ttgtttctgt | 120 |
| ttctctgaaa | gaggcagttc | ccacaactgc | atgaggcttt | tgatattggc | cggtgggtga | 180 |
| agagtacaga | gggatgttac | tatacttaat | ttgattcttc | ctctccccag | cagccacatc | 240 |
| tgctcttggc | ttccattgag | ctttataatt | cagttgaaac | ttcgtgtgtc | ttctgacttt | 300 |
| gaacttcttg | ttttgacaga | tctttctcaa | ttgctggcaa | atatggcaca | tgcattttgc | 360 |
| atatggcatt | acacatacac | acacatacgt | gaagagcggt | gtttctatcc | atgttacatc | 420 |
| tccttggaaa | tttttagctaa | atatttcccg | attgcgtgtg | cacttttgatt | tacctataaa | 480 |
| tctgatgaat | ttacccataa | gccagggtcag | ttataaaaat | gtttagcagt | gtttccaaag | 540 |
| acaagggtaa | gacctatttt | tttaaaataa | gaaaaacatt | gtgctatata | agttgcaatt | 600 |
| atatacattc | tatatgtaaa | ccgcgttggg | aaaactcttt | taaaatagtg | tttaaaattt | 660 |
| tcatttgttg | aaatgtgggc | catactattc | acctttggaa | acatgttgat | gctgtcttgt | 720 |
| ttttcatgat | ccacagagag | ttaagtgggtg | attggatttg | gtctctactt | aaacctcttc | 780 |
| aaaaaataag | tgtatcatag | ccaaacatga | tctagttacc | ctctttattc | taattgttcc | 840 |
| ctcaaattct | atatgggctg | tgtgactgct | ggctccttac | atctaatact | aataaagaac | 900 |
| agaaggggca | ttgcaacatt | gtggaaaacc | ctgtaacatg | ttttctcagc | tttcagggtat | 960 |
| actagttccc | tgtccaacag | tattaacatt | ctgaaatcca | atattgtctt | tgtccttttc | 1020 |
| ttatttgcct | ttccattatt | ttaagatgcc | tttatattgt | gcatgtgtan | nnnnnnnnnn | 1080 |

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```
nnnnnnnnnnn nnnnnntcat tttcttcctc tttgtaaata taatgcacct catttggcag 1140
aagtttatttt ggggaaggga atatgcagga atggagggtg ttaggatgag ggatcaggaa 1200
gcctatcact aaagggaacc tgtatttttg tcttgatttt gatattaaat tgcagtgcga 1260
ccttgggcaa gtcacttaac ctctacacat ctcagatatt tgtcctctga taaaagaacc 1320
tcacctctgg gtttttcagc agtgctattt ttatactgta tgaataggat gagaaatagt 1380
attggagaga tgaaataata tattttttata gctcaattat attatcttct ttttacaggt 1440
gagtaaactg gaggaatcag ataggggttaa ctttctccca gaacacattg ggtagggttag 1500
gtgggcaaag gaccagtggg taacttttga ggccgggggtc tcatgactca aggacttagt 1560
tgcacaaatg acaggatttc tgctgttcag ggcttccttc acagtgtgtg gtgtatatgt 1620
acacgtgtgt gtatgtatgc atgcattttat cacgatatgc accaaagagc ctttacaaaa 1680
cattttctaa attgatttac ttcttttact catattaact tattttttata agggatgact 1740
agtctatata gaagaaaaac ttgtattgtt ttccataaac agaattatgt aaataatggc 1800
aaatacaatg aaaataaaat aatgcattaa cttc 1834
```

<210> 808

<211> 407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 984490.1

<400> 808

```
cctattttaa gcattcagag aagtacagag atggtgataa ggaacattgg ataccaccag 60
ccagctttgc ccaaaccctt tacattccta tatcccata tttatacttg cttgaaattt 120
ttatttgaag aaatcatagg tacagtccaa gcaccctgtg aacctcccc caccagagc 180
actcttcctc ctgccttttc ttgagctact aataatcctg gtgactatgt ccccaaaatg 240
catatcttta tattttacca cagatataat tacatatgga cgatatataa tcttggtttg 300
catgttttaa aactatgtaa gtggatcttg ctgtatgtat ccttttgta cttccaaaac 360
cttaaaaaac ctaaataacg attagagatt tatagaaaaa aaaaaaa 407
```

<210> 809

<211> 418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 984490.2

<400> 809

```
ttccagggtga tttatatact cattaatcat agaagggttt tttctgtctt tttatttttag 60
ctatttccgg tgggtgtgta gtagtatctc attttggttt taatttataat atttccctga 120
tgattaaaag gggatgtcct gtaaattgtt tcttttgta aataccatag cacacattta 180
agggataaag aaggcccgtc ccagaggcaa tggtgcatac agttcctgtc ccactgggcc 240
ctgctgacta ggatggggag tccaggggta acagctaccc gataccagg cttcgaggag 300
ttaaggattt atgggcagat tgatacctgc ctgggtcggc atggatgcaa tgagtattt 360
tagacgaggg aattatttca agggccatga tagggaggcc ttgagcttaa ggtatccg 418
```

<210> 810

<211> 283

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 028791.1

<400> 810

```
taactacaca tcttccatct cacctttttc tctgcagatg aagccccagc ttgttcaggc 60
agcagatggt cataccttgg cctgagggtg ggtgttctag cccagccatg ataataatct 120
catactggtc caaggattgt cagagacaag tttttaacca ttgggatatg agaggatatc 180
tactaaagat actttacctt catgaataac aaataaagct tcttggggaa atagcctttt 240
ctcctttttc tgtcttcttg ctgtcctgag catagatgtg atg 283
```

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<210> 811

<211> 2561

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 018109.1

<400> 811

| | | | | | | |
|-------------|-------------|-------------|-------------|-------------|------------|------|
| tggaagtcaa | caaaaacagg | tacaagaaat | ttcagtgaag | aaaaaaggaa | ttttaaataa | 60 |
| attaacaaaa | gaaaactaat | agaatatatg | ctgtaaagtg | ttacacagtc | attaaaatgc | 120 |
| agctatatac | tggctttgaa | tataattggca | gccaataaaag | ataaattaac | cagttgagat | 180 |
| tcatacagtc | caagtttacc | agatgcttag | gagacgcaaa | gctttgccta | gcattctgtc | 240 |
| aagaaaggtt | ttgtctgtctg | tgtgactaat | cttacatgaa | tgattttccc | agaattgagt | 300 |
| tttccaaaaga | aatatgggaa | caaggggctg | gagttgtggg | tattctgttt | tgtcattcaa | 360 |
| aggcagatct | ttctacatta | caaatcaaag | tacaactgac | aacctctcga | aattgaagaa | 420 |
| cctaagcact | agcccacaac | ctcacatctg | cctagaggaa | caactgggta | gaaaagacca | 480 |
| accaaccaat | cttttgccct | tcagtacagcc | cttctgccta | ttttgggctt | aaatttctat | 540 |
| aaacacttag | ttctgccctt | tcaaattgaa | gggttattct | ctttgggtga | aaaaattagg | 600 |
| agtggtgttg | ttacgacatg | aaatacacag | ggcccttccc | ttttttgttt | tgaaacttag | 660 |
| ccattattat | tgtgtgactt | acaatatgta | ttttaaaaatt | tatattattt | tacagatctc | 720 |
| acaaatctat | gaggttgaga | gggcagatat | actctatgga | tgagaaaact | taggctctac | 780 |
| tcgttcaggg | tcacactggg | gacagctaag | tcttttcagt | tacagcctgt | gcccttttga | 840 |
| catgttgctt | ttttcctctc | cccttattgt | acatgcccta | gttccaggcc | tttgccattc | 900 |
| tggtgtttga | ccatggctca | caaatctctt | gctaatatct | atccactcca | ggtaaaaagt | 960 |
| ctgccgtgcc | tatattttta | tacatgtcat | tttaaagaaa | gagttgatta | gagctcctta | 1020 |
| tgcatgcaca | ttcatttctt | ggatgtcttt | ccttttttaa | aactgaaatc | atgttttagt | 1080 |
| tttctctctt | tttagaattt | aattcttggg | aatccttcaa | gtctaacaca | catgataaat | 1140 |
| aatgcatata | tatgtaacta | tatgcaacat | tcccttcatt | ataaatcttg | actgttttaa | 1200 |
| aaaatggttt | gaatacagaa | tatttgcac | agttttttcc | tttaatttga | aatactagag | 1260 |
| tagctgtttc | tattgtcttc | tttaaaaact | acgattgaag | tacacaaaaca | gtatcaaatg | 1320 |
| ttctactttg | ggcaaaaacta | gactttactg | tatcacaccc | ggcctgcact | gtcttaactt | 1380 |
| tgagaaactt | gtctatttca | ggtaagtgat | actgtccact | gccccaaaaag | gaaaaatact | 1440 |
| aatctatata | atctgtaaat | tatttctgaa | ttgtaggaca | ttaattcact | tgaatcccgt | 1500 |
| ggttactttg | cctcacatta | gaaatagctg | ggaagctttt | cataagcctg | tgtcttagct | 1560 |
| cctactccat | accaattaag | tcagtgtttg | ggaaaggag | ccaggcatct | ttatttttaa | 1620 |
| aatatctcta | ggtgatttca | ttgtgcagca | acatttttaga | accactgcct | tatagttaca | 1680 |
| ataaagaaag | cgtaaacatt | tagggttctg | tgttccaacc | caagtgttcc | aaaaatggaa | 1740 |
| aaaggtagtt | tgagatatag | tattacaaat | agctttttta | aaacctacat | actgtgtatt | 1800 |
| ttatcgattc | taaagccttt | ttcttatatt | taacatgtct | ttaattagga | tgactttgta | 1860 |
| agagtcttat | gaaacagtac | accaagttaa | tgtgccttgt | ctcttcaaag | aaattactct | 1920 |
| ggaaagctat | atgctaattc | taataatggt | accattcaaa | atacttttaa | atggcttttt | 1980 |
| agaggagaat | ctaaaatttta | cagtaatttt | aacagaggac | aaatgttcct | gttgaagatt | 2040 |
| ttagttttta | aaagagctgt | gtcatttgaa | gttaatgtga | tgtgaatcaa | gctaggtaat | 2100 |
| gtcgtacttg | gttcaaattg | agatgtggct | atgagattga | cacaagtgtt | cttaagagct | 2160 |
| tcatacaaca | tatggaagca | gttccaaaaa | gtttcccaaa | tatttttggg | cagtggcagc | 2220 |
| agtaactcag | agtttttaaa | ttcaaactag | aaattttaaga | aaccttagag | attattcctt | 2280 |
| tattactaat | gaagaaccta | aggttcagga | aaacttttga | cgcatcagtt | ggttcagata | 2340 |
| gtcagtgcca | gaactgcgca | agaactcgcc | ctctgactcc | ccgttgagtt | ttagcctgaa | 2400 |
| ccccatttca | ctcccatccc | aaagaccagt | gggggtgggg | gttcaggagg | ggaaacaagt | 2460 |
| gtcccaccaa | ctgaatttta | aaatattgca | gaattttgct | gggtgttctc | tgcaggttta | 2520 |
| cccagttctgt | ggaaaccaga | atcagatgtc | agacaaacat | g | | 2561 |

<210> 812

<211> 643

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 231452.1

<400> 812

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gctcgaggga | tttctctatt | tgtttatgcg | aaatcgtcta | ctggcattac | catctctcaa | 60 |
| aacattttcc | tggactttta | actaaagatt | ttttccattg | taatgggcac | aagtgcaatt | 120 |

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| | | | | | | |
|------------|------------|------------|------------|-------------|-------------|-----|
| tccctttcat | tttaagagac | tgtgagaagt | aacaaatcag | gtaagtaaaa | ttattaaaga | 180 |
| aggaactagc | acttaaaaaa | tataatttat | aaaaccaagt | tgccataagag | aagcgtcagc | 240 |
| ttacaagact | ttgttacttc | atggcattaa | tagtttcagg | aacattataa | tacatagttt | 300 |
| aattttcttt | ggtgtttgtc | atgtttgggg | ggtggaggta | cttttttctt | atagatttta | 360 |
| tgataataac | ttggttttaa | tagcactttt | gaatttgcta | gacactaaaa | caaagaccgt | 420 |
| tttataaatt | gaaaattcac | ttgtgtgaac | actaaatgct | gggatttgat | ttctttgttt | 480 |
| ctatagaaac | aaaagaaagt | tgagattaaa | ataagctaaa | atgggaattac | attttatgaa | 540 |
| acagtaaaga | agcttatttt | acttgtttcc | attgtagtgt | ggtgaaataa | aattttttatt | 600 |
| taaaacccaa | gctgtctgtg | ggcccttctg | ccttctgaga | aaa | | 643 |

<210> 813

<211> 2844

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 334501.2

<220>

<221> unsure

<222> 1090

<223> a, t, c, g, or other

<400> 813

| | | | | | | |
|------------|------------|-------------|------------|------------|-------------|------|
| ttctattttg | ttaaagcgcc | caaggggacc | gggaaccttg | gagagaagag | tggggaggaa | 60 |
| agaggaaggg | tgggtggggg | gcagagggcg | agtcggcggc | ggcgagggca | agctcttctt | 120 |
| gcggcacgat | gccgtctctg | ctggtgctca | ctttctcccc | gtgcgtacta | ctcggctggg | 180 |
| cgttgctggc | cgccggcacc | ggtggcggtg | gcgttgggcg | cgccggcggt | ggcgcgggca | 240 |
| taggcggcgg | acgccaggag | agagaggcgc | tgccgccaca | gaagatcgag | gtgctgggtg | 300 |
| tactgcccc | ggatgactcg | tacttgtttt | cactcaccgc | ggtgcggccg | gccatcgagt | 360 |
| atgctctgcg | cagcgtggag | ggcaacggga | ctgggaggcg | gcttctgccg | ccgggcactc | 420 |
| gcttccaggt | ggcttacgag | gattcagact | gtgggaaccg | tgcgctcttc | agcttggtgg | 480 |
| accgcgtggc | ggcggcgcg | ggcgccaagc | cagaccttat | cctggggcca | gtgtgcgagt | 540 |
| atgcagcagc | gccagtggcc | cggcttgcat | cgcactggga | cctgcccatt | ctgtcggctg | 600 |
| gggcgctggc | cgctggcttc | cagcacaagg | actctgagta | ctcgcacctc | acgcgcgtgg | 660 |
| cgcccgccca | cgccaagatg | ggcgagatga | tgctcgccct | gttccgccac | caccactgga | 720 |
| gccgcgctgc | actggtctac | agcgacgaca | agctggagcg | gaactgctac | ttcaccctcg | 780 |
| agggggtcca | cgaggctctc | caggaggagg | gtttgcacac | gtccatctac | agtttcgacg | 840 |
| agaccaaaga | cttgggtcct | ggcaagacat | cgtgcgcaat | atccaggcca | gtgagagagt | 900 |
| ggtgatcatg | tgtgagagca | gtgacaccat | ccggagcatc | atgctgggtg | cgcacaggca | 960 |
| tggcatgacc | agtggagact | acgccttctt | caacattgag | ctcttcaaca | gctcttccca | 1020 |
| tggagatggc | tcatggaaga | gaggagacaa | acacgacttt | gaagctaagc | aagcatactc | 1080 |
| gtccctccan | tgactgtcac | tctactggag | gacagtgaat | ccctggagtt | tgacgaagtt | 1140 |
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PA-0028 US

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gctgtgttga attacggaat aatgagttag aactattaaa acagccaaaa ctccacagtc 1500
aatattagta atttcttgct ggttgaaact tgtttattat gtacaaaatag attcttataa 1560
tattattttta atgactgcat ttttaaatac aaggctttat atttttaact ttaagatgtt 1620
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<210> 816

<211> 2380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2512889CB1

<400> 816

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agtatggcaa ttatgaacaa tgtatctttg gcccttcata ggtgttgtgt ggagctactg 420
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<210> 817

<211> 2336

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 337199.1

<220>

<221> unsure

<222> 605, 741, 756, 1259, 1842

<223> a, t, c, g, or other

<400> 817

| | | | | | | |
|-------------|------------|-------------|------------|-------------|-------------|------|
| atgagacacc | tagtacagga | gagcaaaatt | gcaccagaga | ttcttaacca | accagcctta | 60 |
| ccaaacaaca | caacagggga | acccaatct | gccttaccca | aggcccccact | ggcagctttc | 120 |
| cacagaatth | gcatttagag | gagcagaatg | acatcactgt | cctttgggag | taggtcctct | 180 |
| gaaaaggcag | caggttccag | caggttagctg | agctgagagg | acatatggcc | cacggggacc | 240 |
| tacagacagc | ctttgacatt | tgtatttctt | acaatggagg | gccaaggagg | gcaaggggct | 300 |
| gtggagtttg | gtgtctacta | gtgtgtatga | atttgagcta | gagtccttct | gtggcatgca | 360 |
| ctttgaccac | tcctggcagt | cacatggcag | atttccaagt | gcaaatcctt | aatccaaaca | 420 |
| aggatcatct | aatgacacca | ccaggccaat | ccctgctctc | ctccccgaaa | agtcagggtc | 480 |
| ccttcattgg | aatcctccac | ccacccaagc | agaatttagc | agagatttgc | cttcaaacc | 540 |
| taacggcccc | cttgttctct | ggtccttctc | aaaccacct | ttgtaggcca | cccagcattg | 600 |
| caggncagcg | tgtggggcag | ctggacctgt | gcttcctgcc | tgggagtctc | ccttgggaatt | 660 |
| catcctgcag | ccttctaata | aaaatggatg | ggaaagcaaa | acactttgcc | ttctaaggcc | 720 |
| cgtataccaa | gtatgcttag | ntaaataagc | cacttntcta | ttacttaagt | aagaagggaag | 780 |
| tagtaattga | tactattht | tgtttgtgtg | tggtagcttg | aagcacacca | ctgtccattt | 840 |
| atthtgaagt | gtaaaatag | tgtgtttgtt | tcagcagcac | ttaaaaaagc | cagtgtcttg | 900 |
| ttacacatth | caatthta | taattgacat | aaaaatgcta | ccgccagtgc | cagctgcac | 960 |
| ctatthta | aaaaaggtag | tatatttgta | cattattht | taatgttaaa | agggcttht | 1020 |
| taagthtaca | gtacacatac | cgagtgcatt | tagggatgct | tttgtgttga | aatgttacta | 1080 |
| tagtggctgc | aggcagcaac | ccagaaacac | tttagaagct | tttttctctt | gggaaaaatt | 1140 |
| caagcacttc | ttccctccac | cctcactcca | accaccccaa | tgggggta | tcacatttct | 1200 |
| tagaaca | ttctgcctth | tttggcttag | ggattaaa | tttgttttct | cttcttctnt | 1260 |
| ttttttth | ttcactgaac | ccttaatttg | cactgggtca | tgtgtttgat | ttgtgatttc | 1320 |
| aagaccaaag | caaagtctta | ctactactgt | ggaacctgt | actagtctct | gggaattaaa | 1380 |
| atagcgtgg | tctctttgta | gcacaaacat | tgtctgga | tgcagtctth | tcaatgcagc | 1440 |
| cacattht | ttcatttcag | ttgtctcaca | aatthtaacc | catatcagag | ttccagaaca | 1500 |
| ggtaccacag | ctttggtht | agatttagtg | aataacattc | agcccagaac | tgagaaactc | 1560 |
| aacagattaa | ctatcgttht | ctcttttagac | ggtctcactg | cctctcactt | gccagagccc | 1620 |
| tttcaaaatg | agcagagaag | ttccaccat | tagggaccat | ctgtgataaa | ttcagaagg | 1680 |
| aggagatgtg | tgtacagctt | taaggattcc | ctcaattccg | aggaaaggga | ctggcccaga | 1740 |
| atccagggtta | atacatggaa | acacgaagca | ttagcaaaag | taataattat | acctatggta | 1800 |
| tttgaaagaa | ccataataaa | agacacttct | tccaaacctt | gnaatthgtt | gtthttagaa | 1860 |
| aacgaatgca | tttaaaaata | ttttctatgt | gagaattht | tagatgtgtg | tttacttcat | 1920 |
| gtttacaa | aactgttht | ttthtaattg | agtacttht | aatatatcag | ccaaaacat | 1980 |
| aacttaca | aatthcttag | gtattctgaa | taaaattcca | tttctthtgg | atatgcttht | 2040 |
| ccattcttag | gtthtctgtg | aacaaaaata | tttgtagcat | tttgtgtaaa | tacaagctth | 2100 |
| cattthtatt | ttthccaatt | gctattgccc | aagaattgct | ttccatgcac | atattgtaaa | 2160 |
| aattccgctt | tgtgccacag | gtcatgattg | tggtatgagt | tactcttaac | ttcaaaggga | 2220 |
| ctattht | tgtatgttgc | aactgtaaat | tgaattatth | ggcatttht | tcattgattg | 2280 |
| aatatta | tgaagthtga | atthtaattt | caataaaatg | gctthttht | tttht | 2336 |

<210> 818

<211> 739

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 212155.1

<400> 818

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cgccttgcca | gctcagagt | tgcccgctgc | gcccgcgctg | tccgtacctg | ccgcccgcgc | 60 |
| caccgccacc | atgcccaact | tcgccggcac | ctggaagatg | cgcagcagcg | agaatttcga | 120 |
| cgagctgctc | aaggcactgg | gtgtgaacgc | catgctgagg | aaagtggccg | tagcggctgc | 180 |
| gtccaagccg | cacgtggaga | tccgccagga | cggggatcag | ttctacatca | agacatccac | 240 |
| cacggtgcgc | accactgaga | tcaacttcaa | ggtcggagaa | ggctthtggg | aggagaccgt | 300 |
| ggacggacgc | aagtgcagga | gtthtagccac | ttgggagaat | gagaacaaga | tccactgcac | 360 |

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| | | | | | | |
|------------|------------|------------|------------|------------|-------------|-----|
| gcaaactctt | cttgaagggg | acggccccc | aacctactgg | acccgtgagc | tggccaacga | 420 |
| tgaacttatt | ctgacgtttg | gcgccgatga | cgtgggtctg | accagaattt | atgtccgaga | 480 |
| gtgaaggcag | ctggccttgc | cctactttca | ggaagggatg | caggctcccc | tgaggaatat | 540 |
| gtcatagtcc | tgagctgcca | gtggaccgcc | cttttccctt | accaatatta | ggtgatcccc | 600 |
| ttttcccat | gacaatgttg | tagtgtcccc | cacccccacc | ccccaggcct | tgggtgcctct | 660 |
| tgtatcccta | gtgctccata | gtttggcatt | tgcacggttt | ccgaagtcat | taaactgggt | 720 |
| agaacgtgtc | tgcaaaaaa | | | | | 739 |

<210> 819

<211> 1588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 244262.1

<400> 819

| | | | | | | |
|-------------|-------------|-------------|-------------|------------|------------|------|
| ggagggatga | atgcagataa | agggagtgca | gaaggcacga | ggaaaccaa | gtgctctgta | 60 |
| tcctccagtc | tccgcgcctc | cacccagctc | aggaacccgc | gaaccctctc | ttgaccacta | 120 |
| tgagcctccc | gtccagccgc | gcggcccgtg | tcccgggtcc | ttcgggctcc | ttgtgcgcgc | 180 |
| tgctcgcgct | ggctgtctct | gctgacgccg | ccggggcccc | tcgccagcgc | tggtcctgtc | 240 |
| tctgtgtgtg | tgacagagct | gcgttgacct | tgtttacgcg | ttacgctgag | agtaaaccct | 300 |
| aaaacgattg | gtaaactgca | ggtgttcccc | gcaggcccg | agtgtctcaa | ggtggaagt | 360 |
| gtagcctccc | tgaagaacgg | gaagcaagtt | tgtctggacc | cggaagcccc | ttttctaaag | 420 |
| aaagtcatcc | agaaaatttt | ggacagtggg | aacaagaaaa | actgagtaac | aaaaaagacc | 480 |
| atgcatcata | aaattgcccc | gtcttcagcg | gagcagtttt | ctggagatcc | ctggaccag | 540 |
| taagaataag | aaggaagggg | tggttttttt | ccattttcta | catggattcc | ctactttgaa | 600 |
| gagtgtgggg | gaaagcctac | gcttctccct | gaagttttaca | gctcagctaa | tgaagtacta | 660 |
| atatagtatt | tccactat | actgttattt | tacctgataa | gttattgaac | cctttggcaa | 720 |
| ttgaccatat | tgtgagcaaa | gaatcactgg | ttattagtct | ttcaatgaat | attgaattga | 780 |
| agataactat | tgtattttcta | tcatacatcc | cttaaagtct | taccgaaaag | gctgtggatt | 840 |
| tcgtatggaa | ataatgtttt | attagtgtgc | tgttgaggga | ggtatcctgt | tgttcttact | 900 |
| cactcttctc | ataaaatagg | aaatatttta | gttctgtttc | ttggggaata | tgttactctt | 960 |
| taccctagga | tgctatttta | gttgtagctg | attagaacac | tgggtgtgtc | ataccgttat | 1020 |
| ctgtgcagaa | tatatctctt | tattcagaat | ttctaaaaat | ttaagttctg | taagggctaa | 1080 |
| tatatctctt | tcctatgggt | ttagacgttt | gatgtcttct | tagtatggca | taatgtcatg | 1140 |
| atttactcat | taaactttga | ttttgtatgc | tattttttca | ctataggatg | actataattc | 1200 |
| tggtcactaa | atatacactt | tagatagatg | aagaagccca | aaaacagata | aattcctgat | 1260 |
| tgctaattta | catagaaatg | tattctcttg | gttttttaaa | taaaagcaaa | attaacaatg | 1320 |
| atctgtgtct | tgaaagtttt | gaaaatatat | ttgaacaatt | tgaatataaa | ttcatcattt | 1380 |
| agtcctcaaa | atatatacac | cattgtctaag | attttcagat | atctattgtg | gatcttttaa | 1440 |
| aggttttgac | cattttgtta | tgaggaatta | tacatgtatc | acattcacta | tattaaaatt | 1500 |
| gcactttttat | tttttctgtg | gtgtcatgtt | ggtttttggg | acttgtattg | tcatttggag | 1560 |
| aaacaataaa | agattttctaa | accaaataa | | | | 1588 |

<210> 820

<211> 1440

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2796468CB1

<400> 820

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| gacgtaggtc | agactggaac | catggagctc | agcgtcctcc | tcttccttgc | actcctcaca | 60 |
| ggcctcttgc | tactcctggg | tcagcgtcac | cctaactccc | atggcaccct | cccaccaggg | 120 |
| ccccgccttc | tgcccccttt | ggggaacctt | ctgcagatgg | acagaagagg | cctactcaaa | 180 |
| tcctttctga | ggttccgaga | gaaatatggg | gacgtcttca | cggtacacct | gggaccgagg | 240 |
| cccggtggta | tgctgtgtgg | agtagaggcc | atacgggagg | ccctggtgga | caacgctgag | 300 |
| gccttctctg | gccggggaaa | aatcgtcatc | atggaccag | tctaccaggg | atatggcatg | 360 |
| ctctttgcca | atggaaaccg | ctggaaggtg | cttcggcgat | tctctgtgac | caccatgagg | 420 |
| gacttcggga | tgggaaagcg | gagtgtggag | gagcggattc | aggacgaggg | tcagtgtctg | 480 |
| atagaggaac | ttcggaaatc | caaggagacc | ctcgtggacc | ccaccttctt | cttccattcc | 540 |
| attaccgcca | acatcatctg | ctccatcatc | tttggaaaac | gcttccacta | ccaagatcaa | 600 |

PA-0028 US

| | | | | | | |
|-------------|-------------|------------|------------|------------|-------------|------|
| gagttcctga | agacgctgaa | cttgttctgc | cagagtttct | tactcatcag | ctctatatcc | 660 |
| agccagctgt | ttgagctctt | ctctggcttc | ttgaaatact | ttcctggggc | acacaggcaa | 720 |
| gtttacaaaa | acctacagga | aatcaatgct | tacattggcc | acagtgtgga | gaagcaccgt | 780 |
| gaaacccctgg | accccagcgc | cccaggggac | ctcatcgaca | cctacctgct | ccacatggaa | 840 |
| aaagagaaat | ccaaccacaca | cagtgaattc | agccaccaga | acctcatcat | caacacgctc | 900 |
| tcgctcttct | ttgctggcac | tgagaccacc | agcaccactc | tccgctacgg | cttcctgctc | 960 |
| atgctcaaat | accctcatgt | cgcagagaga | gtctacaagg | agattgaaca | gggtggttggc | 1020 |
| ccacatcgcc | ctccagcgct | tgatgaccga | gccaaaatgc | catacacaga | ggcagtcac | 1080 |
| cgtgagattc | agagatttgc | tgaccttctc | cccatgggtg | tgccccacat | tgccacccaa | 1140 |
| cacaccagct | tctgagggtg | caccatcccc | aaggacacgg | aagtatttct | catcctgagc | 1200 |
| actgctctcc | gtgaccacaca | ctactttgaa | aaaccagacg | ccttcaatcc | tgaccacttt | 1260 |
| ctggatgcca | atggggcact | gaaaaagaat | gaagctttta | tccccttctc | cttaggggaag | 1320 |
| cggatttgtc | ttggtgaagg | cattgcccgt | gcggaattgt | tcctcttctt | caccaccatc | 1380 |
| ctccagaact | tctccgtggc | cagccccgtg | gctcctgaag | acatcgatct | gacacccccag | 1440 |

<210> 821

<211> 1220

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480668.20

<400> 821

| | | | | | | |
|-------------|------------|-------------|-------------|------------|------------|------|
| tcgggatcga | tctggagctc | cggaatttcc | cctggcccgg | gactccgggc | tttccagccc | 60 |
| caaccatgca | taaaaggggt | tcgccgttct | cggagagcca | cagagcccgg | gccacaggca | 120 |
| gtctcttgcc | agctctcttc | ctcgcacagc | cgctgcgaac | cgctgctga | gcccccatgg | 180 |
| cccgcgccac | gctctccgcc | gccccagca | atccccggct | cctgcgggtg | gcgctgctgc | 240 |
| tcctgctcct | gggtggccgc | agccggcgcg | cagcagggag | cgcccctggc | cactgcaact | 300 |
| gcgctgccag | tgcttgacga | ccctgccagg | gaattcacct | caagaacatc | caaagtgtga | 360 |
| aggtgaagtc | ccccggaccc | cactgcgcgc | aaaccgaagt | catagccaca | ctcaagaatg | 420 |
| ggcagaaagc | ttgtctcaac | cccgcacgcg | ccatgggttaa | gaaaatcatc | gaaaagatgc | 480 |
| tgaaaaatgg | caaatccaac | tgaccagaag | gaaggaggaa | gcttattggt | ggctgttcct | 540 |
| gaaggaggcc | ctgcccttac | aggaacagaa | gaggaaagag | agacacagct | gcagaggcca | 600 |
| cctggattgc | gcctaattgt | tttgagcatc | acttaggaga | agtcttctat | ttatttatta | 660 |
| atttatttat | ttgtttgttt | tagaagattc | tatgttaata | ttttatgtgt | aaaataaggt | 720 |
| tatgattgaa | tctacttgca | cactctccca | ttatatattat | tgtttatttt | aggtcaaacc | 780 |
| caagtttagtt | caatcctgat | tcataatttaa | tttgaagata | gaaggtttgc | agatattctc | 840 |
| tagtcatttg | ttaatatctc | ttcgtgatga | catatcacat | gtcagccact | gtgatagagg | 900 |
| ctgaggaatc | caagaaaatg | gccagtaaga | tcaatgtgac | ggcagggaaa | tgtatgtgtg | 960 |
| tctattttgt | aactgtaaag | atgaatgtca | gttggttatt | attgaaatga | tttcacagtg | 1020 |
| tgtggtcaac | atttctcatg | ttgaagcttt | aagaactaaa | atgttctaaa | tatcccttgg | 1080 |
| acattttatg | tcttcttctg | aaggcatctt | gccttggtta | atgttaatta | tgagtggttt | 1140 |
| ccctctgtgt | tagagcagag | aggtttcgat | atttattgat | gttttcacaa | agaacaggaa | 1200 |
| aataaaaatat | ttaaaaatat | | | | | 1220 |

<210> 822

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 223187CB1

<400> 822

| | | | | | | |
|------------|-------------|------------|------------|------------|------------|-----|
| atctggtcag | caatcaggaa | tccttctatc | gtgacccccg | catgggcaaa | ggcttccctg | 60 |
| gaatctccca | cactgtctgc | tcctataaaa | aggcaggcag | atgggcccag | ggagcagaga | 120 |
| ggctgagacc | aaccagaaaa | ccaccacctc | tcacgcacaa | gctcacacct | tcagcctcca | 180 |
| acatgaaggt | ctccgcagca | cttctgtggc | tgctgctcat | agcagctgcc | ttcagcccc | 240 |
| aggggctcgc | tgggcccagct | tctgtcccaa | ccacctgctg | ctttaacctg | gccaatagga | 300 |
| agatacccct | tcagcgacta | gagagctaca | ggagaatcac | cagtggcaaa | tgtccccaga | 360 |
| aagctgtgat | cttcaagacc | aaactggcca | aggatatctg | tgccgacccc | agaagaaggt | 420 |
| gggtgcagga | ttccatgaag | tatctggacc | aaaaatctcc | aactccaaag | ccataaataa | 480 |
| tcaccatttt | tgaacacaaa | ccagagcctg | agtgttgctt | aatttgtttt | cccttcttac | 540 |

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aatgcattct gaggtaacct cattatcagt ccaaaggga tgggttttat tatatatata 600

<210> 823

<211> 5981

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 228001.3

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PA-0028 US

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<212> DNA

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<223> Incyte ID No: 242716.1

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PA-0028 US

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| cctgtctcct | gtttccagcc | gccgcctgtg | gttctagcag | gttctatgcc | atctgcattg | 1860 |
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| tctcgcagtg | ttttaaatatt | gtgtggagtt | gtcgatacca | cgtgaattca | tacacaataa | 1980 |
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PA-0028 US

<213> Homo sapiens

<220>

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<223> Incyte ID No: 370489.46

<220>

<221> unsure

<222> 222

<223> a, t, c, g, or other

<400> 826

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| gcctgtcagc | ttgataacat | gacattttcc | ttttctacag | aatgaaacag | tagaagtcac | 300 |
| ctcagaaatg | tttgacctcc | aggagccgac | ctgcctacag | acccgcctgg | agctgtacaa | 360 |
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<210> 827

<211> 998

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 782996CB1

<400> 827

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| tgcggcgcta | ggcccccccg | tcccgggtcat | ggccatgctc | agggtccagc | ccgaggccca | 120 |
| agccaagggtg | gatgtgtttc | gtgaagacct | ctgtaccaag | acagagaacc | tgctcgggag | 180 |
| ctattttccc | aagaagattt | ctgagctgga | tgcattttta | aaggagccag | ctctcaatga | 240 |
| agccaacttg | agcaatctga | aggccccatt | ggacatccca | gtgcctgatc | cagtcaagga | 300 |
| gaaagagaaa | gaggagcgga | agaaacagca | ggagaaggaa | gacaaggatg | aaaagaagaa | 360 |
| gggggaggat | gaagacaaa | gtcctccctg | tggcccagta | aactgcaatg | aaaagatcgt | 420 |
| ggtccttctg | cagcgcttga | agcctgagat | caaggatgtc | attgagcagc | tcaacctggt | 480 |
| caccacctgg | ttgcagctgc | agatacctcg | gattgaggat | ggtaacaatt | ttggagtggc | 540 |
| tgtccaggag | aagggtgttg | agctgatgac | cagcctccac | accaagctag | aaggcttcca | 600 |
| cactcaaatc | tctaagtatt | tctctgagcg | tggtgatgca | gtgactaaag | cagccaagca | 660 |
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| catccggctg | atggtcatgg | agatccgcaa | tgcttatgct | gtgttatatg | acatcatcct | 780 |
| gaagaacttc | gagaagctca | agaagcccag | gggagaaaca | aagggaatga | tctattgaga | 840 |
| gccctctctc | ccattctgtg | atgagtacag | cagagacctt | cctgcttttt | actggggact | 900 |
| ccagattttc | cccaaacttg | cttctgttga | gattttttcc | tcaccttgcc | tctcaggcac | 960 |
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<210> 828

<211> 588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<220>

<221> unsure

<222> 294, 310, 313, 324-325, 348, 364

PA-0028 US

<223> a, t, c, g, or other

<400> 828

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| tcatcagcat | ggaatcttca | ttatccccctc | tctcctgggc | acctgcttcc | cgcgcacctg | 120 |
| gatgaggacc | agaggaattc | gcgaatttcc | gaatcacccg | aggaaaaacc | agctggcctg | 180 |
| aatcaaagca | attctgggta | aaagacttcc | cagatgatct | ctcaacgcct | tggcaacgct | 240 |
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| ggacgcaagn | tgngttattg | gaannggacg | acaccaagga | ggcgttgncg | cggatgtggt | 360 |
| ggangatgcc | aagtcgtctt | ttaaaaaagg | aagtgaagaa | tgattaagag | ggtcacgccc | 420 |
| tctaccactc | caacctctct | aatcagtcct | tttctgctcc | gtctgctgta | catgcacctg | 480 |
| ctcaggtgag | acctcaagga | aaaataatcc | tgtgggtcca | cctaactctg | taagtgttgt | 540 |
| atttgaaaaa | tcaaacccca | aattaaacgc | aggacgtgga | aactgaaa | | 588 |

<210> 829

<211> 1125

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1350572CB1

<400> 829

| | | | | | | |
|------------|------------|------------|-------------|------------|-------------|------|
| cccaccggga | acgaaagaga | agctctatct | cccctccagg | agcccagcta | tgaactcctt | 60 |
| ctccacaagc | gccttcggtc | cagttgcctt | ctccctgggg | ctgctcctgg | tgttgccctgc | 120 |
| tgccttccct | gccccagtac | ccccaggaga | agattccaaa | gatgtagccg | ccccacacag | 180 |
| acagccactc | acctcttcag | aacgaattga | caaacaaatt | cgttacatcc | tcgacggcat | 240 |
| ctcagccctg | agaaaggaga | catgtaacaa | gagtaacatg | tgtgaaagca | gcaaagaggc | 300 |
| actggcagaa | aacaacctga | accttccaaa | gatggctgaa | aaagatggat | gcttccaatc | 360 |
| tggattcaat | gaggagactt | gcctggtgaa | aatcatcact | ggtcttttgg | agtttgaggt | 420 |
| atacctagag | tacctccaga | acagatttga | gagtagtgag | gaacaagcca | gagctgtgca | 480 |
| gatgagtaca | aaagtcttga | tccagttcct | gcagaaaaag | gcaaagaatc | tagatgcaat | 540 |
| aaccacccct | gacccaacca | caaagtccag | cctgctgacg | aagctgcagg | cacagaacca | 600 |
| gtggctgcag | gacatgacaa | ctcatctcat | tctgcgcagc | tttaaggagt | tcctgcagtc | 660 |
| cagcctgagg | gctcttcggc | aaatgtagca | tgggcacctc | agattgttgt | tgtaaatggg | 720 |
| cattccttct | tctggtcaga | aacctgtcca | ctgggcacag | aacttatgtt | gttctctatg | 780 |
| gagaactaaa | agtatgagcg | ttaggacact | atttttaatta | tttttaattt | attaatatatt | 840 |
| aaatatgtga | agctgagtta | atttatgtaa | gtcatattta | tatttttaag | aagtaccact | 900 |
| tgaacatttt | tatgtattag | ttttgaaata | ataatggaaa | gtggctatgc | agtttgaaata | 960 |
| tcctttgttt | cagagccaga | tcatttcttg | gaaagtgtag | gcttacctca | aataaatggc | 1020 |
| taacttatac | atatttttaa | agaaatattt | atattgtatt | tatataatgt | ataaatgggt | 1080 |
| tttataccaa | taaatggcat | tttaaaaaat | tcagcaaaaa | aaaaa | | 1125 |

<210> 830

<211> 2136

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2170967CB1

<400> 830

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| ggctctttta | aatgacccca | ggcgtcgtgt | attgaatcct | agactcacgt | ccgtctcgcc | 60 |
| ggcgcccgag | ccagtcgcgc | cgcaccgcgt | ctgcgtcccc | gaaagccccg | cccgcgaagg | 120 |
| ctgccctgcc | tacctggtct | ccgacgtgct | cgtctggagg | gcggtgcgag | gggcccagcc | 180 |
| gacaagatgt | tcttgctgcc | tcttccggct | gcggggcgag | tagtcgtccg | acgtctggcc | 240 |
| gtgagacgtt | tcgggagccg | gagtcctctc | accgcagaca | tgacgaagg | ccttgtttta | 300 |
| ggaatctatt | ccaaagaaaa | agaagatgat | gtggcacagt | tcacaagtgc | aggagagaat | 360 |
| tttgataaat | tgttagctgg | aaagctgaga | gagactttga | acatatctgg | accacctctg | 420 |
| aaggcaggga | agactcgaac | cttttatggt | ctgcatcagg | acttccccag | cgtggtgcta | 480 |
| gttgccctcg | gcaaaaaggc | agctggaatc | gacgaacagg | aaaactggca | tgaaggcaaa | 540 |
| gaaaacatga | gagctgctgt | tgcagcgggg | tgcaggcaga | ttcaagacct | ggagctctcg | 600 |
| tctgtggagg | tggatccctg | tggagacgtg | caggctgctg | cggagggagc | ggtgcttggt | 660 |
| ctctatgaat | acgatgacct | aaagcaaaaa | aagaagatgg | ctgtgtcggc | aaagctctat | 720 |

[illegible]

```
<210> 831
<211> 824
<212> DNA
<213> Homo sapiens
```

| <400> | 831 | | | | | | |
|------------|------------|-------------|------------|-------------|-------------|-----|--|
| gcactcccaa | agaactgggt | actcaacact | gagcagatct | gttctttgag | ctaaaaacca | 60 | |
| tgtgctgtac | caagagtttg | ctcctgggtc | ctttgatgtc | agtgctgcta | ctcccacttc | 120 | |
| gcggcgaatc | agaagcagca | agcaactttg | actgctgtct | tggatacaca | gaccgtattc | 180 | |
| ttcactctaa | atttattgtg | ggcttcacac | ggcagctggc | caatgaaggc | tgtgacatca | 240 | |
| atgctatcat | ctttcacaca | aagaaaaagt | tgtctgtgtg | cgcaaatcca | aaacagactt | 300 | |
| gggtgaaata | tattgtgcgt | ctcctcagta | aaaaagtcaa | gaacatgtaa | aaactgtggc | 360 | |
| ttttctggaa | tggaattgga | catagcccaa | gaacagaagg | aaccttgctg | gggttggagg | 420 | |
| tttcacttgc | acatcatgga | gggttttagt | cttatctaat | tttgtcctca | ctggacttgt | 480 | |
| ccaattaatg | aagttgattc | atattgcatc | ctatgtttgt | tttgtttaagc | atcacattaa | 540 | |
| agttaaactg | tattttatgt | tatttatagc | tgtaggtttt | ctgtgttttag | ctattttaata | 600 | |
| ctaattttcc | ataagctatt | ttgggttagt | gcaaagtata | aaattatatt | tgggggggaa | 660 | |
| taagattata | tggacatttt | tgcgaagcaac | aagctatttt | ttaaaaaaaa | actattttaac | 720 | |
| attcttttgt | ttatatgttt | ttgtctctca | aatgttgtta | attgcattat | aaaataagaa | 780 | |
| aaatatatta | aaqacaaata | ttqaaaaataa | agaaacaaaa | agtt | | 824 | |

```
<210> 832
<211> 2046
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<223> Incyte ID No: 480668.19
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<220>  
<221> unsure  
<222> 59, 84, 86, 1487, 1495, 1503  
<223> a, t, c, g, or other
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622

PA-0028 US

```

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gaactgcgct gccagtgcct gcagaccctg cagggaattc acctcaagaa catccaaagt 240
gtgaaggctga agtcccccg ccactctgc gcccaaaccg aagtcattga agtctcgccc 300
atcagctgcc gctgccactg ctgggggtccc cgactctccc gctgccccaa accctgtcct 360
cagcccgacc tcctgtctca cgagattccc ttctctctgc agagccacac tcaagaatgg 420
gcagaaagct tgtctcaacc ccgcatcgcc catgggttaag aaaatcatcg aaaagatgct 480
gaaaaagtaa gttataattt ccatgtacac aggcgactgg agctgttggt cagaaatgct 540
ggcgtctgcc ccctaaaaag taaatcagga aaaccaggg ttagctgcag gactgaaaaa 600
attattattt tcacaaagtt gccattaagg ttattaatct gttctggtgc cagaggatat 660
tcccagtgcc cagggtcacc acccaggttc ttccctcctg ccagtgaatg taggtaaaac 720
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ccctggtttt ttgtaaaagt ttaggggtga agtgacagag ttccacaata atattgcact 900
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aacagtgtag actgccactc ctccacccca cgtcaccccc attcctaaaa gagcatccca 1140
agcctagagg tccttgccac acagcacagc tgtcacaggc agtaccact tgggtgccag 1200
gctggggaaa ctgcattcag aaaactctag agcctgggga aacaggacag gagaagactg 1260
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gcccttacag gaacagaaga ggaaagagag acacagctgc agaggccacc tggattgcgc 1440
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aatctacttg cacactctcc cattatattt attggtttatt ttagggtcaaa cccaagttag 1560
ttcaatcctg attcatattt aatttgaaga tagaagggtt gcagatattc tctagtcatt 1620
tggttaattt tcttcgtgat gacatatcac atgtcagcca ctgtgataga ggctgaggaa 1680
tccaagaaaa tggccagtaa gatcaatgtg acggcaggga aatgtatgtg tgtctatttt 1740
gtaactgtaa agatgaatgt cagttgttat ttattgaaat gatttcacag tgtgtggtca 1800
acattttctc tgttgaagct ttaagaacta aaatgttcta aatatccctt ggacatttta 1860
gttctttctt ctgaggcata ctgccttggt taatgttaat tatgcagtgt ttccctctgt 1920
gtagagcag agagggttctg atattttatt atgttttcac aaagaacagg aaaataaaat 1980
atttaa 2040

```

<210> 833
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 902098.4

```

<400> 833
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atggacccca actgctcctg cgaggctggt ggctcctgcg cctgcgccgg ctctgcaag 120
tgcaaaaagt gcaaatgcac ctctctgaag aagagtgaat gcggggccat ctccaggaat 180
ctggaggctgt ggctaagggt gggagggaac ccaaggctgg ccctgagtgc ctgcttcctt 240
tgtcccccta ggccgtcact gcctttccag tcttctgctc tgtccagggc tctgtgggg 300
ctgggcagtc tctcatagga agactcaccc caatatccac cagtctgtct ctgaaaaagc 360
tgtgccatcc tgaactaagg atcctctggg gctggagtct gagcttgagc caggcctgct 420
gttgggagag ggagctccct ggtcaagtct gctgtgactt ctctctccct ttttcccag 480
ctgctgtctc tgttgcccc tgggctgtgc caagtgtgac cagggtgca tctgcaaagg 540
ggcgtcagag aagtgcagct gctgtgcctg atgtcgggac agccctgctg tcagatgaaa 600
acagaatgac acgtaaaatc caggattttt ttttctaca actccgactc atttgctaca 660
ttcctttttt tctgtgaaat atgtgaataa taattaaaca cttagacttg 710

```

<210> 834
 <211> 725
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 1184364.3

PA-0028 US

<400> 834

```
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gtccccaact gtcctgcac cactgggtgc tcctgcgcct gcaccggctc ctgcaagtgc 120
aaagagtga aatgcacctc ctgcaagaag agtgagtgcg gggccatctc caggaatctg 180
gggctgtggc tgagattggg agggaaccca aggctggccc tgagtgcac cttctgggga 240
actgggcttt ctttgccttc attgcccgtg tcattccctc tccaggcttt ctgccctaaa 300
ttcagatggg gcaggacagc atttttctct tgggacacaa atcccaactg tagcatctat 360
ggtttcagaa cagagctgtg ccagacgtaa aaagcttcct ctgggtctgg gttctgagct 420
ccagccaggc ttgctattgg ggccggcggtg tgcccgtgca agtctactgc tacctctctc 480
tccccttctt ccccaggctg ctgctcctgc tgcccgtgg gctgtgccaa gtgtgcccac 540
ggctgtgtct gcaaaggagc gttggagaac tgcagctgct gtgcctgatg tgggaacagc 600
tcttctccca gatgttaata gaacaagctg cacaacctgg attttttttc aatacgatac 660
tgagccattt gctgcatttc tttttatgtt aaatatgtga gtgacaataa aacaattttg 720
acttg 725
```

<210> 835

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1568230CB1

<400> 835

```
gcccagccca ggaacgcggg cgggtgcggac tcagcggggc ggggtgcaggc gcggactggg 60
cctctgcgcc cggcccagacc tccgtctata aatagagcag ccagttgcag ggctccattc 120
tgctttccga ctgctgact gcttggtcgt ctactgggtg tgagctccag catccccctt 180
gctcgaaatg gaccccaact gctcttgccg cactgggtgg tcctgcacgt gcgcccggctc 240
ctgcaagtgc aaagagtga aatgcacctc ctgcaagaag agctgctgtt cctgctgccc 300
cgtgggctgt gccaaagtgt cccaggggtg cgtctgcaaa ggggcatcgg agaagtgcag 360
ctgctgtgcc tgatgtggga acagctcttc tcccagatgt aaatagaaca acctgcacaa 420
cctggatttt tttaaaaata caacactgag ccatttgctg catttctttt tatactaaat 480
atgtgactga caataaaaac aattttgact ttaaaaaaaa aaa 523
```

<210> 836

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 010001CB1

<400> 836

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cgggcggcgc aggagcggca ctctgtggctg tgggtggcttc ggcagcggct tcagcagatc 60
ggcggcatca gcggtagcac cagcactagc agcatgttga gccgggcagt gtgcggcacc 120
agcaggcagc tggctccggc tttgggggat ctgggctcca ggcagaagca cagcctcccc 180
gacctgccct acgactacgg cgccctggaa cctcacatca acgcgcagat catgcagctg 240
caccacagca agcaccacgc ggccctacgt aacaacctga acgtcaccga ggagaagtac 300
caggaggcgt tggccaaggg agatgttaca gccagatag ctcttcagcc tgcactgaag 360
ttcaatggtg gtggtcatat caatcatagc attttctgga caaacctcag ccctaacggt 420
ggtggagaac ccaaagggga gttgctggaa gccatcaaac gtgacttttg ttcccttgac 480
aagtttaagg agaagctgac ggctgcacat gttggtgtcc aaggctcagg ttgggggttg 540
cttggtttca ataagggaac gggacactta caaattgctg cttgtccaaa tcaggatcca 600
ctgcaaggaa caacaggcct tattccactg ctgggggatt atgtgtggga gcacgcttac 660
taccttcagt ataaaaatgt caggcctgat tatctaaaag ctatttgga tgtaatcaac 720
tgggagaatg taactgaaag atacatggct tgcaaaaagt aaaccacgat cgttatgctg 780
atcataccct aatgatccca gcaagataat gtccctgtct ctaagatgtg catcaagcct 840
ggtacatact gaaaacccta taaggctcct gataattttt gtttgattat tcattgaaga 900
aacatttatt ttccaattgt gtgaagtttt tgactgttaa taaaagaatc tgtcaaccat 960
caaaaaaaaa aa 972
```

<210> 837

<211> 817

<212> DNA

PA-0028 US

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 222838.1

<400> 837

| | | | | | | |
|------------|------------|------------|------------|------------|------------|-----|
| agcagagggg | ctgagaccaa | accagaaacc | tccaattctc | atgtggaagc | ccatgccctc | 60 |
| accctccaac | atgaaagcct | ctggcagcac | ttctgtgtct | ggctgctcac | agcagctgct | 120 |
| ttcagccccc | aggggcttgc | tcagccagtt | gggattaata | cttcaactac | ctgctgctac | 180 |
| agatttatca | ataagaaaat | ccctaagcag | aggctggaga | gctacagaag | gaccaccagt | 240 |
| agccactgtc | cccgggaagc | tgtaatcttc | aagaccaaac | tggaacaagg | gatctgtgct | 300 |
| gacccacac | agaagtgggt | ccaggacttt | atgaagcacc | tggaacaagg | aacccaaact | 360 |
| ccaaagcttt | gaacattcat | gactgaactg | aaaacaagcc | atgacttgag | aaacaaataa | 420 |
| tttgtatacc | ctgtcccttc | tcagagtggg | tctgagatta | ttttaatcta | attctaagga | 480 |
| atatgagctt | tatgtaataa | tgtgaatcat | ggtttttctt | agtagatttt | aaaagtattt | 540 |
| aatattttaa | tttaatcttc | catggatttt | gggtgggttt | gaacataaag | ccttggtatg | 600 |
| atatgtcatc | tcagtgtctg | aaaaactgtg | ggatgtctct | cccttctcta | cctcatgggg | 660 |
| gtattgtata | agtccttgca | agaatcagtg | caaagatttg | ctttaattgt | taagatatga | 720 |
| tgtccctatg | gaagcatatt | gttattatat | aattacatat | ttgcatatgt | atgactccca | 780 |
| aattttcaca | taaaatagat | ttttgtataa | aaaaaaa | | | 817 |

<210> 838

<211> 832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 273061CB1

<400> 838

| | | | | | | |
|------------|------------|-------------|------------|------------|------------|-----|
| cggctcgaga | gaaacattgt | gaaatctcca | actcttaacc | ttcaacatga | aagtctctgc | 60 |
| agtgtctctg | tgctgtctgc | tcattgacagc | agctttcaac | ccccagggac | ttgctcagcc | 120 |
| agatgcactc | aacgtcccat | ctacttgctg | cttcacattt | agcagtaaga | agatctcctt | 180 |
| gcagaggctg | aagagctatg | tgatcaccac | cagcaggtgt | ccccagaagg | ctgtcatcct | 240 |
| cagaaccaa | ctgggcaagg | agatctgtgc | tgacccaaag | gagaagtggg | tccagaatta | 300 |
| tatgaaacac | ctgggccgga | aagctcacac | cctgaagact | tgaactctgc | taccctact | 360 |
| gaaatcaagc | tgaggtacgt | gaaatgactt | ttccattctc | ctctggcctc | ctcttctatg | 420 |
| ctttggaata | cttctacat | aattttcaaa | taggatgcat | tcgggtttgt | gattcaaaat | 480 |
| gtactatgtg | ttaagtaata | ttggctatta | tttgacttgt | tgctgggttg | gagtttattt | 540 |
| gagtatttgt | gatcttttct | aaagcaaggc | cttgagcaag | taggttgctg | tctctaagcc | 600 |
| cccttccctt | ccactatgag | ctgctggcag | tgggtttgta | ttcggttccc | aggggttgag | 660 |
| agcatgcctg | tgggagtcac | ggacatgaag | ggatgtctga | atgtaggaag | gagagctcct | 720 |
| tgtgaatgtg | aggtgttgct | aaatatgtta | ttgtggaaag | atgaatgcaa | tagtaggact | 780 |
| gctgacattt | tgcagaaaat | acattttatt | taaaatctcc | taaaaaaaaa | aa | 832 |

<210> 839

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1075405.1

<220>

<221> unsure

<222> 677, 710

<223> a, t, c, g, or other

<400> 839

| | | | | | | |
|------------|-------------|------------|-------------|------------|------------|-----|
| gtttccagac | acgctggaga | cccagaatct | ggctctgtgct | tcattcacct | tagcttccag | 60 |
| agacggtgac | tctgcagagg | taatgagtat | cagggaaact | catgaccagg | catagcctat | 120 |
| tcagagtcta | aaaggaggct | catagtgggg | ctccccagct | gatcttcctt | ggtgctgatc | 180 |
| atctggatta | ttgggtccgct | ttaatgacac | ttgtaggcat | tatctagctt | taacagctcc | 240 |

PA-0028 US

```
tccttctctc tgtccattat caatgttata taccattttt acagcatagg aaactgagtc 300
attgggtcaa agatcacatt ctagctctga ggtataggca gaagcactgg gatttaatga 360
gctctttctc ttctctgccc tgctttttgc tttttcctca tgactctttt ctgctcttaa 420
gatcagaata atccagttca tcctaaaatg ctttttcttt gtgggtttatt ttccagatgc 480
aatcaatgcc ccagtcacct gctggctata acttcaccaa taggaaggat ctgagtgcca 540
gaggctcgcg agctatagaa ggaatcacca gcagcaagtg tcccaaagaa gctgtgatct 600
tcaagaccat tgtggccaag gagatctgtg ctgaccccaa gcagaagtgg gttcaggggtt 660
ccatggacca cctgggncaa gcaaacccaa acttcgagggc ttgaacactn acttcacaaa 720
ccca
```

<210> 840

<211> 1332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1157025.1

<400> 840

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tgaagggggtc cttttatttc gttaggtgct ttcttcccga tcacgtccct gagaccactt 240
ctcgctctcc tgtgctctca agttagagtt gagggtaact aggccaagg ctgtcctgct 300
ccatgtcacc cagttgggtca gggggctgct ggctgagccc caatgctctg accaggctct 360
gagcagtcag ggtggatggg aagtgggggg ccattgcctc ttcggagttc aggacagaag 420
gttctggcct cctgtcttag ccttcctggg ctgtgtctgg agcctgggac cttgcttggt 480
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gtcactgaag cgttattgac cagctgctgt accttctgca tctactcca cgctcactgc 660
ctttttctct tccttgaggt tggctcctgt gcctgtgccg gctcctgcaa atgcaaagag 720
tgcaaatgca cctcctgcaa gaagagggca gccagagct tccctagcct tccccagAAC 780
tgctgtgtca gggatttgcc ccctgtgccg gctgtgaaga ctttcctcat ttaagggtag 840
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tgatgccagg acagctgtgc tctcagatgt aaatagagca acctatataa acctggattt 1260
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tgtgaatggc gc
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<210> 841

<211> 2902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2930605CB1

<400> 841

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cgggcgctg ccccgctccc ggattcgggg ctggacgcag caagcggggc gctgtgtccc 180
caagctcccc gtctctggcc aggggggcac cacggcaggg gctgagctac cctcatggaa 240
gggagaggac cgtaccgat ctacgacctt gggggcagcg tgccctcagg agaggcatcc 300
gcagcttttg agcgcttagt gaaggagaat tcccggctga aggaaaaaat gcaagggata 360
aagatgttag gggagctttt ggaagagtcc cagatggaag cgaccaggct ccggcagaag 420
gcagaggagc tagtgaagga caacgagctg ctcccaccac cttctccctc cttgggctcc 480
ttcgaccccc tggctgagct cacaggaaag gactcaaatt tcacagcatc tcccacagcc 540
cctgcatgcc ccagtacaa gccagacca gtccagaagc ctccatccag tggcacctcc 600
tctgaatttg aagtggtcac tctgaggag cagaattcac cagagagcag cagccatgcc 660
aatgcgatgg cgctggggcc cctgccccgt gaggacggca acctgatgct gcacctgag 720
```

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| | | | | | | |
|-------------|------------|------------|-------------|------------|------------|------|
| cgccctggaga | ccacgctgag | tgtgtgtgcc | gaggagccgg | accacggcca | gctcttcacc | 780 |
| cacctgggccc | gcatggccct | ggagttcaac | cgactggcat | ccaaggtgca | caagaatgag | 840 |
| cagcgacacct | ccattctgca | gacctgtgt | gagcagcttc | ggaaggagaa | cgaggctctg | 900 |
| aaggccaagt | tggataaggg | cctggaacag | cgggatcagg | ctgccgagag | gctgcgggag | 960 |
| gaaaatttgg | agctcaagaa | gttgttgatg | agcaatggca | acaaagaggg | tgcgtctggg | 1020 |
| cggccaggct | caccgaagat | ggaagggaca | ggcaagaagg | cagtggctgg | acagcagcag | 1080 |
| gctagtgtga | cggcaggtaa | ggtcccagag | gtggtggcct | tgggcgcagc | cgagaagaag | 1140 |
| gtgaagatgc | tggagcagca | gcgcagtgag | ctgctggaag | tgaacaagca | gtgggaccag | 1200 |
| catttccgg | ccatgaagca | gcagtatgag | cagaagatca | ctgagctgcg | tcagaagctg | 1260 |
| gctgatttgc | agaagcagg | gactgacctg | gaggccgagc | gggagcagaa | gcagcgtgac | 1320 |
| tttgaccgca | agctcctcct | ggccaagtcc | aagattgaaa | tggaggagac | cgacaaggag | 1380 |
| cagctgacag | cagaggccaa | ggagctgcgc | caaaagggtca | agtacctgca | ggatcagctg | 1440 |
| agcccaactca | cccgcagcgc | tgagtaccag | gaaaaggaga | tccagcggct | caacaaggcc | 1500 |
| ctggaggaag | cactgagcat | ccaaaccccg | ccatcatctc | caccaacagc | atttgggagc | 1560 |
| ccagaaggag | caggggccct | cctaaggaaa | caggagctgg | tcacgcagaa | tgagttgctg | 1620 |
| aaacagcagg | tgaagatctt | cgaggaggac | ttccagaggg | agcgcagtga | tcgtgagcgc | 1680 |
| atgaatgagg | agaaggaaga | gctgaagaag | caagtggaga | agctgcaggc | ccaggtcacc | 1740 |
| ctgtcaaagt | cccagctaaa | agcattcaaa | gatgaggaga | aggcaagaga | agccctcaga | 1800 |
| cagcagaaga | ggaaagcaaa | ggcctcagga | gagcgttacc | atgtggagcc | ccaccagaa | 1860 |
| catctctgcg | gggcctaccc | ctacgcctac | ccgcccattg | cagccatggt | gccacacat | 1920 |
| ggcttcgagg | actgggtccc | gatccgctac | ccccctcccc | ccatggccat | ggagcaccgc | 1980 |
| cccccaactcc | ccaactcgcg | cctcttccat | ctgccggaat | acacctggcg | tctaccctgt | 2040 |
| ggaggggttc | gaaatccaaa | tcagagctcc | caagtgatgg | accctcccac | agccaggcct | 2100 |
| acagaaccag | agtctccaaa | aatgaccgt | gaggggcctc | agtgaagaca | gattgtgtca | 2160 |
| tttggctcca | ccttcatctt | gcagagccag | ctgatctcag | attgccaaga | aactagaagc | 2220 |
| cacttgacag | gtgtggccag | agcctcagct | ggatgagagg | ctgagatggg | tggccagctt | 2280 |
| gtataccagt | ccctgaactg | agctgtttac | aggactgggg | aggctccacc | cagaaggctt | 2340 |
| tcatttgtac | tctgtctggg | gtgactggga | aaaactcctt | ccctgctgct | gagtggagag | 2400 |
| aggcctcatc | cggctttgac | ccaccatccg | ttgcagaagc | ctccaggagc | agcaatccta | 2460 |
| agagtgggag | gcagccaaga | cccccttcc | tcaaaacctc | ccggaagtgg | tttcaggccc | 2520 |
| tctagtgtgc | atgaccaatt | tgtgtgtgtg | tttaattttt | gcttcaagct | ctgtagcagg | 2580 |
| acctgcccc | cgcacacccc | taccctctgt | tgaggagctg | tgggaagtgt | gggtttgtct | 2640 |
| ccagaacaga | agagaatgat | ggatattctg | gctctggggc | cctctccacc | accactcaca | 2700 |
| gtagccttgc | tgaagccatc | acagatggga | gaaggccatg | ccagccacgt | ccgccgaggg | 2760 |
| gcgccagcct | gaagctgcc | ggccctgagg | ttcagaccct | ggaccccata | gctggaggcc | 2820 |
| tgtggtgcca | gaagcccaga | ttagggtggc | tgtccatccc | tggatagcta | tttgcacgaa | 2880 |
| tcattggacat | aaatccaagt | ag | | | | 2902 |

<210> 842

<211> 3172

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 410580.16

<220>

<221> unsure

<222> 2836, 2838

<223> a, t, c, g, or other

<400> 842

| | | | | | | |
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| agcagctgaa | ttcctgcagc | tcagcagccg | ccgccaggag | caggacgaac | cgccaatcgc | 120 |
| aagggcacct | ctgagaactt | caggatgcag | atgtctccag | ccctcacctg | cctagtcctg | 180 |
| ggcctggccc | ttatcttttg | tgaagggctt | gctgtgcacc | atcccccatc | ctacgtggcc | 240 |
| cacctggcct | cagactttcgg | ggtgaggggtg | tttcaggcag | gtggcgcagg | cctccaagga | 300 |
| ccgcaacgtg | gttttctcac | cctatggggg | ggcctcgggtg | ttggccatgc | tccagctgac | 360 |
| aacaggagga | gaaacccagc | agcagattca | agcagctatg | ggattcaaga | ttgatgaca | 420 |
| gggcatggcc | cccgcctccc | ggcatctgta | caaggagctc | atggggccat | ggaacaagga | 480 |
| tgagatcagc | accacagacg | cgatcttcgt | ccagcgggat | ctgaagctgg | tccagggtct | 540 |
| catgccccac | ttcttcaggc | tgttcgggag | cacggtcaag | caagtggact | tttcagaggt | 600 |
| ggagagagcc | agattcatca | tcaatgactg | ggtgaagaca | cacacaaaag | gtatgatcag | 660 |
| caacttgctt | gggaaaggag | ccgtggacca | ctgtgacagc | ctgggtgctg | tgaatgccct | 720 |
| ctacttcaac | ggccagtggg | agactccctt | ccccgactcc | agcaccacc | gccgcctctt | 780 |

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| | | | | | | |
|------------|-------------|-------------|-------------|-------------|-------------|------|
| ccacaaatca | gacggcagca | ctgtctctgt | gcccattgatg | gctcagacca | acaagttcaa | 840 |
| ctatactgag | ttcaccacgc | ccgatggcca | ttactacgac | atcctggaac | tgccctacca | 900 |
| cggggacacc | ctcagcatgt | tcattgtctgc | cccttatgaa | aaagagggtgc | ctctctctgc | 960 |
| cctcaccaac | attctgagtg | cccagctcat | cagccactgg | aaaggcaaca | tgaccagggt | 1020 |
| gccccgcctc | ctgggttctgc | ccaagttctc | cctggagact | gaagtcgacc | tcaggaagcc | 1080 |
| cctagagaac | ctgggaatga | ccgacatgtt | cagacagttt | caggctgact | tcacgagtct | 1140 |
| ttcagacca | gagcctctcc | acgtcgcgca | ggcgtgcag | aaagtgaaga | tcgaggtgaa | 1200 |
| cgagagtggc | acgggtggcct | cctcatccac | agctgtcata | gtctcagccc | gcattggcccc | 1260 |
| cgaggagatc | atcatggaca | gacccttcc | ctttgtggtc | cggcacaacc | ccacaggaa | 1320 |
| agtccttttc | atggggccaag | tgatggaaac | ctgaccctgg | ggaaagacgc | cttcatctgg | 1380 |
| gacaaaactg | gagatgcac | gggaaagaag | aaactccgaa | gaaaagaatt | ttagtgttaa | 1440 |
| tgactctttc | tgaaggaaga | gaagacattt | gcctttttgt | aaaagatggt | aaaccagatc | 1500 |
| tgtctccaag | accttggcct | ctccttggag | gacctttagg | tcaaactccc | tagtctccac | 1560 |
| ctgagaccct | gggagagaag | tttgaagcac | aactccctta | aggtctccaa | accagacggt | 1620 |
| gacgcctgcg | ggaccatctg | gggcacctgc | ttccaccctg | ctctctgccc | actcgggtct | 1680 |
| gcagacctgg | ttcccactga | ggccctttgc | aggatggaac | tacggggcct | acaggagcct | 1740 |
| ttgtgtgcct | ggtagaaact | atttctgttc | cagtcacatt | gccatcactc | ttgtactgcc | 1800 |
| tgccaccgcg | gaggaggctg | gtgacaggcc | aaaggccagt | ggaagaaaca | ccctttcatc | 1860 |
| tcagagtcca | ctgtggcact | ggccaccctc | ccccagtaca | ggggtgctgc | aggtggcaga | 1920 |
| gtgaatgtcc | cccatcatgt | ggcccaactc | tcctggcctg | gccatctccc | tcccagaaa | 1980 |
| cagtggtgat | gggttatatt | ggagtgtagg | tgacttgttt | actcattgaa | gcagatttct | 2040 |
| gcttctcttt | atttttatag | gaatagagga | agaaagggtca | gatgcgtgcc | cagctcttca | 2100 |
| ccccccaatc | tcttgggtgg | gaggggtgta | cctaaatatt | tatcatatcc | ttgcccttga | 2160 |
| gtgcttgtta | gagagaaaaga | gaactactaa | ggaaaataat | attattttaa | ctcgctccta | 2220 |
| gtgtttcttt | gtggtctgtg | tcaccgtatc | tcaggaagtc | cagccacttg | actggcacac | 2280 |
| acccctccgg | acatccagcg | tgacggagcc | cacactgcca | ccttgtggcc | gcctgagacc | 2340 |
| ctcgcgcccc | ccgcgcccc | cgcgcccc | tttttccct | tgatggaaat | tgaccataca | 2400 |
| atttcatcct | ccttcagggg | atcaaaagga | cggagtgggg | ggacagagac | tcagatgagg | 2460 |
| acagagtggg | ttccaatgtg | ttcaatagat | ttaggagcag | aaatgcaagg | ggctgcatga | 2520 |
| cctaccagga | cagaactttc | cccaattaca | gggtgactca | cagccgcatt | ggtgactcac | 2580 |
| ttcaatgtgt | catttccggc | tgctgtgtgt | gagcagtgga | cacgtgaggg | gggggtgggt | 2640 |
| gagagagaca | ggcagctcgg | attcaactac | cttagataat | atttctgaaa | acctaccagg | 2700 |
| cagagggtag | ggcacaaaaga | tggatgtaat | gcactttggg | aggccaaagg | cggtaggatt | 2760 |
| gcttgagccc | agggagttca | agaccagcct | gggcaacata | ccaagacccc | cgctctttaa | 2820 |
| aaatatatat | attttntanta | tacttaata | tatatcttca | atatctttaa | atatatatat | 2880 |
| atatttttaa | gaccaattta | tgggagaatt | gcacacagat | gtgaaatgaa | tgtaatctaa | 2940 |
| tagaagccta | atcagccac | catgttcttc | actgaaaaat | cctctttctt | tgggggtttt | 3000 |
| cttctcttct | tttttgattt | tgcatgtgac | ggtagagtaa | gccatgtaca | ggatccacag | 3060 |
| gggtgtgtgc | aaatgtatt | gaaattgtgt | tgaattgtat | gctttttcac | ttttgataaa | 3120 |
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<210> 843

<211> 2079

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2643110CB1

<400> 843

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| ttccgggggtc | gcagtcgccg | gcattggagcc | gcgaccgtga | ggcgccgctg | gaccggggac | 120 |
| gacctgccca | gtccggccgc | cgccccacgt | cccgtctgt | gtcccacgcc | tgcatgtgga | 180 |
| atggaggctc | tctggacct | ttagaaggca | cccttgcct | cctgaggtca | gctgagcgg | 240 |
| taatgcggaa | ggttaagaaa | ctgcgcctgg | acaaggagaa | caccggaagt | tggagaagct | 300 |
| tctcgctgaa | ttccgagggg | gctgagagga | tggccaccac | cgggaccca | acggccgacc | 360 |
| gatgcgacgc | agccgccaca | gatgaccgg | ccgcccgtt | ccaggtgcag | aagcactcgt | 420 |
| gggacgggct | ccggagcatc | atccacggca | gccgcaagta | ctcgggcctc | attgtcaaca | 480 |
| aggcgcccca | cgacttccag | tttgtgcaga | agacggatga | gtctggggcc | cactcccacc | 540 |
| gcctctacta | cctgggaatg | ccatattggca | gccgagagaa | ctccctctc | tactctgaga | 600 |
| ttcccaagaa | ggtccggaaa | gaggctctgc | tgctcctgtc | ctggaagcag | atgctggatc | 660 |
| atttccaggc | cacgccccac | catggggctc | actctcggga | ggaggagctg | ctgaggggagc | 720 |
| ggaaacgcct | gggggtcttc | ggcatcacct | cctacgactt | ccacagcgag | agtggcctct | 780 |
| tcctcttcca | ggccagcaac | agcctcttcc | actgccgcga | cggcggcaag | aacggcttca | 840 |
| tgggtgtccc | tatgaaaccg | ctggaaatca | agaccagtg | ctcaggggcc | cggatggacc | 900 |

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| | | | | |
|------------|------------|-------------|------------|------|
| cctgacttct | tctccttcat | caataacagc | gacctgtggg | 960 |
| gggagcggc | ggctgacctt | ctgccaccaa | ggtttatcca | 1020 |
| tctgcgggtg | tggccacctt | cgatatacag | gaagagttcg | 1080 |
| tggtgcccc | cagcctcctg | ggaagggttca | gagggcctca | 1140 |
| gaggaagtcg | atgagtcgca | ggtggagggtc | attcacgtcc | 1200 |
| aggaagacgg | actcgtatcg | gtacccacag | acaggcagca | 1260 |
| aaactggctg | agttccagac | tgacagccag | ggcaagatcg | 1320 |
| ctggtgcagc | ccttcagctc | gctgttccc | aaggtggagt | 1380 |
| gcccgggtg | gcaaatacgc | ctgggcatg | ttcctggacc | 1440 |
| gtggctccag | ctcgtcctcc | tcccccgcc | cctgttcac | 1500 |
| gcagcggcta | gcctctgcca | gagctgtccc | caggaatgtc | 1560 |
| ggaggtcacc | aacgtctgga | tcaatgttca | tgacatcttc | 1620 |
| gggagaggac | gagctctgct | ttctccgcgc | caatgaatgc | 1680 |
| gtacaaagtc | accgcccgtt | taaaatccca | gggctacgat | 1740 |
| cggggaaggt | gagcagagcg | tgacgaatgc | tgctgactca | 1800 |
| tcaatatgct | gtttgttcat | tggtcggccc | ccccactcag | 1860 |
| aggaacagg | atcggcagga | agccagcctt | ccccagtgac | 1920 |
| agagcaccca | actgttggct | tattcaggca | gcagatttac | 1980 |
| ggcccttagc | acaaccagg | gttggccacc | tacggcccac | 2040 |
| cctgtgttca | taaataaagt | tttattggc | aggtcaaatc | 2079 |

<210> 844

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 039859.30

<400> 844

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| tggtcccgctc | ctctgggagg | ggatccctca | caagatgact | tcccaggtcg | cgccccgagg | 120 |
| cggtctcttg | ctgccccac | agagatgact | tccgggctcc | tggtggccgc | ggggaggggc | 180 |
| aggctggcac | catgcgccct | gcagccctgc | gcggggccct | gctgggctgc | ctctgcctgg | 240 |
| cggtgctttg | cctggggcgt | gaggacaagc | gcctgcgtga | caaccatgag | tggaaaaaac | 300 |
| taattatggt | tcagcactgg | cctgagacag | tatgcgagaa | aattcaaaac | gactgtagag | 360 |
| accctccgga | ttactggaca | atacatggac | tatggcccga | taaaagtga | ggatgtaata | 420 |
| gatcgtggcc | cttcaattta | gaagagatta | aggatctttt | gccagaaatg | agggcatact | 480 |
| ggcctgacgt | aattcactcg | tttcccaatc | gcagccgctt | ctggaagcat | gagtgggaaa | 540 |
| agcatgggac | ctgcgcgcgc | caggtggatg | cgctcaactc | ccagaagaag | tactttggca | 600 |
| gaagcctgga | actctacagg | gagctggacc | tcaacagtgt | gcttctaaaa | ttggggataa | 660 |
| aaccatccat | caattactac | caagttgcag | attttaaaga | tgcccttgcc | agagtatatg | 720 |
| gagtgatacc | caaaatccag | tgccctccac | caagccagga | tgaggaagta | cagacaattg | 780 |
| gtcagataga | actgtgcctc | actaagcaag | accagcagct | gcaaaactgc | accgagccgg | 840 |
| gggagcagcc | gtcccccaag | caggaagtct | ggctggcaaa | tggtggccgc | gagagccggg | 900 |
| gtctgagagt | ctgtgaagat | ggcccagctc | tctatcccc | acctaaaaag | accaagcatt | 960 |
| gatgcccaag | ttttggaaat | attctgtttt | aaaaagcaag | agaaattcac | aaactgcaga | 1020 |
| ttcta | | | | | | 1025 |

<210> 845

<211> 2349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3699582CB1

<400> 845

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| tgctgtgtgt | gctgggcccc | gtggtgtccc | atgctgggaa | gatactgttg | atcccagttg | 120 |
| atggcagcca | ctggctgagc | atgcttgggg | ccatccagca | gctgcagcag | aggggacatg | 180 |
| aaatagtgtg | cctagcacct | gacgcctcgt | tgtacatcag | agacggagca | ttttacacct | 240 |
| tgaagacgta | ccctgtgcca | ttccaaaggg | aggatgtgaa | agagtctttt | gttagtctcg | 300 |
| ggcataatgt | ttttgagaat | gattctttcc | tgcagcgtgt | gatcaaaaaca | tacaagaaaa | 360 |

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|-------------|-------------|-------------|-------------|-------------|-------------|------|
| taaaaaagga | ctctgctatg | cttttgtctg | gctgttccca | cttactgcac | aacaaggagc | 420 |
| tcattggcctc | cctggcagaa | agcagctttg | atgtcatgct | gacggaccct | ttccttcctt | 480 |
| gcagcccat | cgtggccag | tacctgtctc | tgcccactgt | attcttcttg | catgcactgc | 540 |
| catgcagcct | ggaatttgag | gctaccagct | gccccaaacc | attctcctac | gtgcccaggc | 600 |
| ctctctcctc | tcattcagat | cacatgacct | tcctgcagcg | ggtgaagaac | atgctcattg | 660 |
| ccttttcaca | gaactttctg | tgcgacgtgg | tttattcccc | gtatgcaacc | cttgccctcag | 720 |
| aattccttca | gagagagggtg | actgtccagg | acctattgag | ctctgcatct | gtctggctgt | 780 |
| ttagaagtga | ctttgtgaag | gattacccta | ggcccatcat | gccaatatg | gtttttgttg | 840 |
| gtggaatcaa | ctgccttcac | caaaatccac | tatcccagga | atttgaagcc | tacattaatg | 900 |
| cttctggaga | acatggaatt | gtgggttttct | ctttgggata | aatgggtctca | gaaattccag | 960 |
| agaagaaagc | tatggcaatt | gctgatgctt | tgggcaaaat | ccctcagaca | gtcctgtggc | 1020 |
| ggtacactgg | aaccgcacca | tcgaatcttg | cgaacaacac | gatacttggt | aagtggctac | 1080 |
| cccaaaacga | tctgcttggt | cacccgatga | cccgctgcctt | tatcacccat | gctgggtccc | 1140 |
| atggtgttta | tgaagcata | tgcaatggcg | ttcccattggt | gatgatgccc | ttgtttggtg | 1200 |
| atcagatgga | caatgcaaag | cgcagtgaga | ctaagggagc | tggagtgacc | ctgaatgttc | 1260 |
| tggaaatgac | ttctgaagat | ttagaaaatg | ctctaaaagc | agtcatcaat | gacaaaagtt | 1320 |
| acaaggagaa | catcatgcgc | ctctccagcc | ttcacaagga | ccgcccgggtg | gagccgctgg | 1380 |
| acctggccgt | gttctgggtg | gagtttgtga | tgaggcacia | gggcgcgcca | cacctgcgcc | 1440 |
| ccgcagccca | cgacctcacc | tggtaccagt | accattcctt | ggacgtgatt | ggtttcctct | 1500 |
| tgcccgctgt | gctgacagtg | gccttcacata | cctttaaatg | ttgtgcttat | ggctaccgga | 1560 |
| aatgcttggg | gaaaaaaggg | cgagttaaga | aagcccacaa | atccaagacc | cattgagaag | 1620 |
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| gaatcagtg | taaattcatt | ttattcttat | taaggaaata | ccttgcataa | attaatcagc | 1740 |
| cccagagtgc | tttaaaaaat | tctcttaaat | aaaaataata | gactcgctag | tcagtaaaga | 1800 |
| tatttgaata | tgtatcgtgc | ccccccgggt | gtctttgatc | aggatgacat | gtgccatttt | 1860 |
| tcagaggacg | tgcagacagg | ctggcattct | agattacttt | tcttactctg | aaacatggcc | 1920 |
| tgtttgggag | tgcgggattc | aaagggtggtc | ccaccgctgc | ccctactgca | aatggcagtt | 1980 |
| ttaatcttat | cttttggctt | ctgcagatgg | ttgcaattga | tccttaacca | ataatggtca | 2040 |
| gtcctcatct | ctgtcctgct | tcataggtgc | caccttgtgt | gtttaaagaa | gggaagcttt | 2100 |
| gtacctttag | agtgtagggtg | aaatgaatga | atggcttggg | gtgcaactgag | aacagcatat | 2160 |
| gatttcttgc | tttggggaaa | aagaatgatg | ctatgaaatt | ggtgggtggt | gtatttgaga | 2220 |
| agataatcat | tgcttatgtc | aaatggagct | gaatttgata | aaaacccaaa | atacagctat | 2280 |
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| aatttatag | | | | | | 2349 |

<210> 846
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 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 480668.13

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| gcgctgtcgc | tctgtctcct | ggtggccgcc | agccggcgcg | cagcaggtag | gtcccggcgc | 180 |
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| atcagcgagt | ctattcttcc | ctaggagcgt | ccgtggtcac | tgaactgcgc | tgccagtgtc | 300 |
| tgcagacact | gcagggaatt | cacctcaaga | acatccaaag | tgtgaatgta | aggtcccccg | 360 |
| gaccccaactg | cgcccaaacc | gaagtcatgt | aagtcccgcc | ccgcgcttcc | gctgccaccg | 420 |
| ctgggggtccc | cgactctccc | gctgccccaa | ccctgtcccc | agcccgacct | cctgtctcac | 480 |
| ggaattccct | tctctctgca | gagccacact | caagaatggg | aagaaaagctt | gtctcaaccc | 540 |
| cgcaccccc | atggttcaga | aatcatcga | aaagatactg | aacaagttag | ttgtaatttc | 600 |
| catatacaca | ggcgactgga | gccgttggtc | agaaatactg | gcatctgccc | cctaaaaata | 660 |
| aatcaggga | accccaagag | ttagctgaag | gactagaaat | tgtgattatt | attttcacaa | 720 |
| ttaaagttgc | cattaagggtt | attaatctgc | tctggtgcca | gaggatattt | cagtatttca | 780 |
| gtgtcttcca | tttccaggcc | taaccctgtg | cagggtaaat | gtgggtttct | agaatactaa | 840 |
| gtaaatttga | ctaacaatgc | caaaatgccc | cctgcctggt | ttgggacgtt | tacctcagtc | 900 |
| cctaattggc | ttcagacctg | aaaaatgcaa | tgtctggttt | gggcactttg | ggcctgtaag | 960 |
| ccttcttggt | gaagagcaga | aactttgcag | taacaccttc | agtgagttca | aggctaggat | 1020 |
| ccctgtcaac | attatttaat | ctctttgagc | tttagcaaaa | tagggtagat | aatggtagtt | 1080 |
| atttcatag | gttgtgtgca | gcttaaggga | gatcatgaat | ggacatttct | aacccaatgt | 1140 |
| gaccaatcag | gaccaatagt | ttttggcttt | ttcaaaccac | gaatctagtt | gagtcacag | 1200 |
| ccacttcttt | cttgaaaaaa | aaaaaaaaaa | agcattcagg | agtgcaggtt | ttctgctata | 1260 |

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| | | | | | | |
|------------|------------|------------|------------|------------|------------|------|
| gagggcagtg | ggtacagaca | gaccttccct | gagtggaggg | ctgggagaga | gtctgcatgg | 1320 |
| ggacatccct | ccaagcaact | tcagagtgc | agaagagcag | ccttccttag | cacctgcaac | 1380 |
| agtaa | | | | | | 1385 |

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<211> 493

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 977891CB1

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| gcagccgcag | ctgtggcgct | ccaccacgcc | gtccgggtgg | gcctagcagt | cgctccattt | 120 |
| atcgcttgag | atctccagcc | ttaccgcggc | tcgaaatgga | ccccaactgc | tcctgcacca | 180 |
| ctgggtgtctc | ctgcgcctgc | accggctcct | gcaagtgcaa | agagtgcaaa | tgcacctcct | 240 |
| gcaagaagag | ctgctgtctc | tgctgccccg | tgggctgtgc | caagtgtgcc | cacggctgtg | 300 |
| tctgcaaagg | gacgttggag | aactgcagct | gctgtgcctg | atgtgggaac | agctcttctc | 360 |
| ccagatgtta | atagaacaag | ctgcacaacc | tggatttttt | ttcaatacga | tactgagcca | 420 |
| tttgctgcat | ttctttttat | gttaaataatg | tgagtgacaa | taaaacaatt | ttgacttgaa | 480 |
| aaaaaaaaaa | aaa | | | | | 493 |

<210> 848

<211> 3356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1091631.1

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| taccggagtc | tgtgectggc | cctggccctg | ctcgtggccg | tgacgggtgt | ccaacgcagt | 120 |
| ctcaccctcg | gtcagtttct | gcaggagcct | ccgccaccca | ccctggagcc | acagaaggcc | 180 |
| cagaagccaa | atggacagct | ggtgaacccc | aacaacttct | ggaagaaccc | gaaagatgtg | 240 |
| gctgcgcca | cgcccatggc | ctctcagggg | ccccaggcct | gggacgtgac | caccactaac | 300 |
| tgctcagcca | atatcaactt | gacccaccag | ccctggttcc | aggtcctgga | gccgcagttc | 360 |
| cggcagtttc | tcttctaccg | ccactgccgc | tacttcccca | tgctgctgaa | ccacccggag | 420 |
| aagtgcaggg | gcgatgtcta | cctgtgtggt | gttgtcaagt | cggtcatcac | gcagcacgac | 480 |
| cgccgcgagg | ccatccgcca | gacctggggc | cgcgagcggc | agtccgcggg | tgggggcccga | 540 |
| ggcgcctgtc | gcacctctct | cctgtctggg | acggcctcca | agcaggagga | gcgcacgcac | 600 |
| taccagcagc | tgctggccta | cgaagaccgc | ctctacggcg | acatcctgca | gtggggcttt | 660 |
| ctcgacacct | tcttcaacct | gacctcaag | gagatccact | tcctcaagt | gctggacatc | 720 |
| tactgcccc | acgtccccct | cattttcaaa | ggcgacgat | acgtcttctg | caacccccacc | 780 |
| aacctgctag | aatttctggc | tgaccggcag | ccacaggaaa | acctgttctg | ggcgatgtc | 840 |
| ctgcagcacg | ctcggcccat | tcgcaggaaa | gacaacaaat | actacatccc | gggggcccctg | 900 |
| tacggcaagg | ccagctatcc | gccgatgca | ggcggcgggt | gcttcctcat | ggccggcagc | 960 |
| ctggcccggc | gcctgcacca | tgctgcgac | accctggagc | tctaccgat | cgacgacgtc | 1020 |
| tttctgggca | tgtgectgga | ggtgctgggc | gtgcagccca | cggcccacga | gggcttcaag | 1080 |
| actttcgga | tctcccggaa | ccgcaacagc | cgcatgaaca | aggagccgtg | ctttttccgc | 1140 |
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| cacagcaatc | tcacctgtct | ccgcaagctc | caggtgtctt | gaccccagcc | gggctactag | 1260 |
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| ccctggcagc | cctcctgacc | tgggtccggt | ctgggcccc | tcagatgtgg | tgggaggtcc | 1560 |
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| aggccgggcg | gccttggcag | gagaaactca | accctgtgcy | ggctcacagg | cacccccag | 1740 |
| tccagacctt | ggtctcctgg | gagagagggc | ccagccggct | ctccgcagcc | ccaggcctgc | 1800 |
| ctggagacgg | gccgcctctg | ccacagggcc | tccactcctg | gctgtgtcct | gtaaggtctg | 1860 |
| gaagggcgac | cgctctgact | acctcagcgc | ccctcagaat | ctccctgggg | ctgcagccct | 1920 |

PA-0028 US

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<211> 706
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<213> Homo sapiens

<220>
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<223> Incyte ID No: 1093446.1

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<211> 231
<212> DNA
<213> Homo sapiens

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<221> misc_feature
<223> Incyte ID No: 021968.1

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<110> Olga Bandman

<120> GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION

<130> PA-0028 US

<140> To Be Assigned

<141> Herewith

<160> 850

<170> PERL Program

<210> 1

<211> 1124

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 400788.4

<220>

<221> unsure

<222> 1014, 1054, 1119

<223> a, t, c, g, or other

<400> 1

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<213> Homo sapiens

<220>

<221> misc_feature

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<220>

<221> unsure

<222> 39

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